HOLSTEIN-FRIESIAN WORLD

EASTERN EDITION

VOL. XII. LACONA, N. Y., SEPTEMBER 11, 1915 NO. 37

Why You Should Own a Son of The King of The Black and Whites

Because his first daughter, we have tested has made, we believe, the largest combined milk and butter record, ever made by the first daughter of any bull.

She made at 2 yr 4 mo., 22.42 lb. of butter in 7 days, and gave 493.9 lb. milk and made 93.34 lb. butter in 30 days, and gave 1970.8 lb. milk.

Second reason is because his sister, at 3 yr. 3 mo. has made 30.51 lb. butter in 7 days, and gave 587.2 lb. milk and her 30 day record is 122.72 lb. butter and 2482.5 lb. milk.

These records plainly show that he is KING OF THE BLACK AND WHITES.

If you want one of his sons, you will have to buy when young, as they are all sold, long before they are ready for service.

A. A. HARTSHORN HOLSTEIN CO.

HAMILTON, N. Y.

A 31-LB. BULL READY FOR SERVICE

This is one of the best bred bulls and one of the nicest individuals we have ever offered for sale. Study his pedigree and see the great producing and transmitting blood back of him.

King Quality Korndyke 151363

Born July 1, 1914

King Quality
88237
5 A. R. O. daughters
Bonalevo Quality Walker
May Rosa 2 yr 22.78
Bonalevo Quality May 2 yr 22.08
Bonalevo Quality Walker Artis
2½ yr. 20.35

Johanna Korndyke
96473
At 4 yr 8 mo.
Butter 31.65
Milk 491.9
30 days—
Butter 120.82
Milk 2121.2
Sister to the sires of:
Johanna De Kol Van Beers 40.07
Aaggie Pauline Sarcastic..36.35
5 others from 30 to 36.20 lb.

King Colantha Clothilde
60403
17 A. R. O. daughters
Colantha Hamilton ...3 y 30.51
Queen Walker Pietertje
.....3 y 28.79
Sire of:
King of the Black and Whites

Addie De Kol Hartog
87199
Butter at 4 yr 1 mo.....30.50
Milk 518.70
Dam of:
Addie De Kol Hartog 2d...30.68

Sir Korndyke Manor De Kol —
47 A. R. O. daughters
Johanna Korndyke 31.65
Susie De Kol Paul 2d.....31.44
Kaan Korndyke De Kol....30.45

Johanna De Kol 2d
Butter 4½ yr 24.04
Milk 523.7
Dam of:
Sir Johanna De Kol

Colantha Johanna Lad
32481
90 A. R. O. daughters
4 30-lb. daughters
His dam .....35 lb.

Abby Hartog Clothilde
62154
Butter 7 days 31.39
Milk 605.90
4 daughters from 27 to 30.5 lb.

Teddy De Kol Burke Spofford
Sire of:
Lottie Walker Spofford....32.50
Addie De Kol Hartog.....30.50

Abby Hartog Clothilde
62154
Butter 7 days 31 39
Butter 30 days 129.31

De Kol 2d's Butter Boy 3d
117 A. R. O. daughters.

Korndyke Queen De Kol
41934
Butter 24.42
Milk 501.4

Sir De Kol Mechthilde
1 A. R. O. daughter.

Johanna De Kol
36478
Butter .....4½ y 20.28

For price and further particulars, write,

BONALEVO FARMS

R. E. CHAPIN & SON **BOX 302** **BATAVIA, N. Y.**

A GOOD PROSPECT

Owned by Hastings & Prescott, Lacona, N. Y.

Finderne Wachusett Korndyke No. 235676

Born April 1, 1913.

The records of her dam, both grandams and one great grandam (including a 3-yr-old and a 4-yr-old), average—
Butter 7 days ... 34.31
Milk 655.10
Butter 30 days . 135.25
Milk 2680.00
Due Dec. 1, first freshening, by Kearsarge Pontiac Butter Boy.

King Pontiac Segis Korn.
Sire of—
Finderne Soldene Fayne Korn. ..... 2 y 2 mo 21.33
Finderne Valdessa Korn. 1 yr 11 mo 19.16
His first two daughters to freshen.

Finderne Wachusett Fayne
At 3 yr 10 mo—
Butter 7 da 35.53
Milk 642.70
Butter 30 days 140.69
Milk 2529.00
Butter records each 2d largest in her class.
World's record for mother and daughter, age considered.

King Segis D. K. Korn.
45 A. R. O. daughters—
Mabel Segis Korndyke 4y 40.32
6 others from 22 lb at 2 yr to 30.4 lb.

Beauty Rauwerd De Kol
Butter 7 days 30.54
Milk 709.90
Butter 30 days 120.98
Milk 2914.40

King Heng Aaggie Fayne
22 A. R. O. daughters
4 with 3-yr-old records of 31.9 to 37.3 lb.
2 World's Champions in yearly test.

Wachusett May
Butter 4 yr 4 mo 33.96
Milk 621.60
Butter 30 days 134.03
Milk 2688.10
Butter 60 da. 257.64
Milk 5236.20
(Former world's 60-day record)

King Segis
85 A. R. O. daughters
8 above 30 lb.

Pont. Clo D. K. 2d
Butter 7 days 37.21
Butter 1 yr 1291.60

Piet. Heng.'s Count D. K.
99 A. R. O. daughters
4 above 30 lb.

Beauty Rauwerd 2d
Butter 20.28
2 daughters average over 30 lb.

King Fayne Segis
27 A. R. O. daughters
3 30 to 35 lb. His dam 35 lb.

Bloomingdale Heng. Aaggie
Butter 2 yr 23.05
(World's Record when made)

Creamelle De Kol Butter Boy
10 A. R. O. daughters
2 above 32.7 lb.

Lyntje's D. K. 3d's May
Butter 16.69
Milk 416.30
Granddaughter of Piet. Heng's Count De Kol.

AT PUBLIC SALE

43 Head of Registered Holstein Females 43

All consigned by the three farms owning the two bulls:
Fairview Pontiac Beets Korndyke 94943 (Son of Pontiac Korndyke) and
Sir Johanna Korndyke Gladi 94942 (Out of the dam of Pontiac Lady Korndyke 38.03)
Wellington Stock Farm, Farms of E. L. Pierce, and L. S. & B. F. Boise.

Sale to be held at
Fair Grounds, Wellington, Ohio, Monday, September 20, 1915, at 12:30 P. M.

38 of these animals were bred and raised on the above three farms.

There are 14 A. R. O. cows and heifers; five with records over 20 lb. and up to 27.45 lb., all in calf to the above great bulls. Also 11 heifers by these bulls. Bred heifers, open heifers, and heifer calves. ALL tuberculin tested by an authorized State Veterinarian. Not an unsound animal in the sale. Not a poor animal in the sale. Only two cows over six years old.

No better bred lot; no better individuals ever offered in Ohio.

Col. R. E. Haeger, Col. C. E. Baylor, Auctioneers.

Write for catalog to

WELLINGTON STOCK FARM

Wellington, Ohio

FOR SALE
Son of the World's Champion

Korndyke Hengerveld Segis Johanna 123687
Born Dec. 13, 1913
Ready For Immediate Heavy Service

NOTE THE INDIVIDUALITY

His dam, Elmside Nudine Segis Johanna is the World's Champion 2-yr-old milk producer in the semi-official yearly division. She has won more Association prize money than any other heifer of her age, and is individually in the same class. What should she do at maturity?

Is this the kind of a cow you want for the dam of your herd sire? There is plenty of breeding back of Korndyke Hengerveld Segis Johanna. If you are in the market for a bull of this class, send for his pedigree, price, etc.

He deserves a place in a good herd.

Home of the Junior 2-yr-old Champion of the World

Cooley Farms
owned by
The City of Cleveland

Address all Correspondence to Jas. A. Reynolds, Supt., Warrensville, Ohio.

N. B. We would be willing to consider a trade of good, well bred heifer calves, from A. R. O. dams.

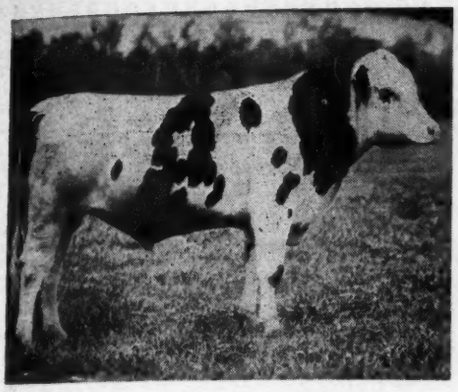
WHAT ABOUT IT

Are you still hesitating about placing a high class bull at the head of your herd? Every day that you wait you are losing money. Losing money in the grade of calves that you are getting. Losing money in not being able to advertise your herd to the best advantage.

LINE UP WITH THE PROCESSION

Look around you. Note the successful Breeders that have sons or grandsons of KING OF THE PONTIACS as their herd sires. Just now you can buy one of his sons or grandsons for less money than for sometime past or ever again. Get busy! Send for our new "BOOK OF BULLS" with over 70 pedigrees in it. Pick out the bull you want and write us.

STEVENS BROTHERS COMPANY
LIVERPOOL, N. Y.

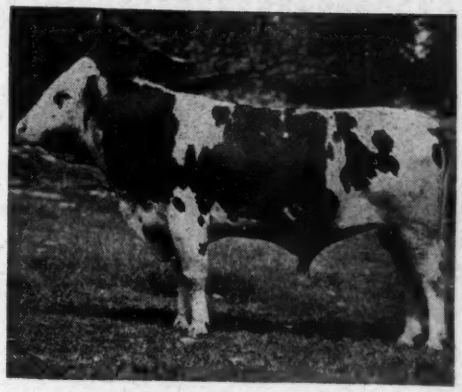


King Korndyke Wayne Veeman 109336

JOINT OWNERS

E. E. Risley
Hill Pine Farms
WALTON, N. Y.

Mrs. W. L. Terry
Locust Grove Farm
WALTON, N. Y.



King Pontiac Pleione 72852

WE LIKE THIS COMBINATION

Our senior sire, **King Pontiac Pleione**, has 125 living daughters, and more coming. His list of 14 official record daughters includes 3 2-yr-olds with records of 22 to 23.67 lb., another 2-yr-old above 20 lb., and a 27-lb. 3-yr-old. He is a son of King of the Pontiacs (159 A. R. O. daughters—10 above 30-lb.), and Pontiac Pleione, the greatest producing daughter of Hengerveld De Kol, as well as one of his best daughters individually.

On the daughters of King Pontiac Pleione we are using **King Korndyke Wayne Veeman 109336**, who was by King Korndyke Sadie Vale and from a 30.9-lb. 4-yr-old daughter of Sir Veeman Hengerveld (7 30-lb. daughters, and more above 29 lb. than any other living sire). King Korndyke Sadie Vale is the only bull having a 41-lb. dam and a 40-lb. sister. His three nearest dams and a daughter each of his sire and dam average about 37.5 lb.—an unapproached showing. His first four daughters, all being jr. 2-yr-olds, average 24.27 lb. butter in 7 days, another unapproached showing.

Is it wrong to figure that this combination will get results? The youngsters certainly look the part.

None of the daughters of the above bulls will be disposed of by their owners until they have been officially tested.

SERVICE FEES FOR APPROVED COWS TO INSURE LIVE CALF $50.00

LORENZO FARM

Herd sire—Lorenzo Pontiac Korndyke

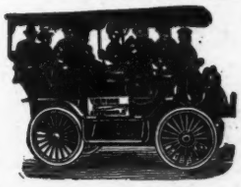
THE 31-LB. SON OF THE GREATEST SIRE
Carrying 75% of the blood of PONTIAC KORNDYKE

His dam is Pontiac Queen Korndyke, a 31-lb. daughter of Pontiac Korndyke.
His grandam, a 25.7-lb. cow, has demonstrated her wonderful transmitting power.
Lorenzo Pontiac Korndyke is going to be given an opportunity to show his worth in our select herd.

Chas. S. Fairchild, Prop., Cazenovia, N. Y.

N. B. We can offer a few young sons of Lorenzo Pontiac Korndyke, from good record dams.

Evolution of the Automobile is the wonder of the Twentieth Century



Evolution of the full blood strains leading up to Johanna King Segis No. 71964 is the greatest wonder of the century in Holstein history. He, his two brothers and mother sold for $56,150. You up-to-date breeders, consider this wonderful Johanna strain. Wouldn't this line of 40 pound breeding help your herd?

A call at our farms and a look at this sire and his offspring will be a revelation and if you appreciate breeding and individuality you will take some of them home with you.

Service fee for Johanna King Segis $250.

Oak Grove and Twin Pine Stock Farms

HOUSLET & McNUTT — OXFORD, WIS.
Address all correspondence to N. Houslet, Oxford, Wis.

COMBINATION SALE

A. W. MORRIS & SONS CORP., Woodland, Cal.
McALISTER & SON, Chino, Cal.

175 REGISTERED HOLSTEINS 175

(Tuberculin Tested)

SACRAMENTO, CAL. OCT. 6-7, 1915

Not alone in every respect the greatest sale ever held on the Pacific Coast, but in respect to individuality and yearly records the greatest ever held in the United States. The offerings include absolutely unblemished animals and contain a large number of the very choicest things in these fine herds. Among the many good things are:

King Segis Pontiac Emperor, senior herd sire of A. W. Morris and Sons, a son of King Segis Pontiac out of a full sister to King of the Pontiacs, and ten of his best daughters all out of A. R. O. daums with records as high as 33 lb. in 7 days and 1000 lb. in a year. Both King Segis Pontiac Emperor and his daughters have won first prizes in the show ring.

Lorena Korndyke—four times winner at the California State Fair and ten of his daughters, several of which have been prize winners at the state fair.

About fifty A. R. O. cows with records as high as 31 lb. butter in 7 days, including a 28-lb. 3-yr-old, a 28-lb. daughter and a 21-lb. 3-yr-old daughter of Johanna McKinley Segis, a 25-lb. daughter of Aaggie Cornucopia Johanna Lad, a 23.90-lb. 3-yr-old daughter of King Segis Pontiac and many other great record cows, many of which have large yearly records.

About 100 heifers—nearly all from A. R. O. dams, including twenty splendid daughters of King Pontiac Topsy—one of the best sons of King of the Pontiacs and a number of daughters of the great transmitting sire De Kol Hengerveld Burke, as well as ten daughters of the great sire, King Segis Pontiac Emperor and Lorena Korndyke, mentioned above.

HERD HEADERS—A number of bulls, including King Segis Pontiac Emperor and Lorena Korndyke, fit to head the herds that the females in this sale will make, will be offered by A. W. Morris and Sons. They are the greatest lot ever offered at public sale and include:

A son of De Kol of Valley Mead 2d, 906 lb. butter in a year as a 3-yr.-old and 1011 lb. as a 4-yr-old. Breed record for two consecutive years at the age.

A son of Woodland Wilhelmina 2d, now making a yearly record of over 900 lb. butter as a 4-yr-old.

A son of a 31-lb. 4-yr.-old daughter of De Kol Burke. All sired by a son of Aralia De Kol, the first cow to make 28,000 lb. milk in 1 yr.

A son of Miss Blaney, with a yearly record of over 1000 lb. butter and a son of a half-sister to Aralia De Kol with a record of over 843 lb. butter in a year—both sired by the coming young son of Riverside Sadie De Kol Burke.

And about eighteen more splendid youngsters out of high record dams.

A FORTUNE

A fortune will be represented in the calves the females in this sale will have for you, bred as they are to a son of Tilly Alcartra—a son of Riverside Sadie De Kol Burke—a son of Aralia De Kol—one of the very best sons of King of the Pontiacs and a half-brother of De Kol of Valley Mead 2d.

CONSIDER THAT A LARGE NUMBER OF FEMALES WILL BE IN CALF TO SONS OF COWS THAT HOLD EVERY WORLD'S MILK RECORD FROM 7 DAYS TO 3 YEARS.

TERMS

The terms should interest you—$500 and under, cash; over $500, one-third cash, balance in three, six and nine months, with bankable notes and 8 per cent. interest. 3 per cent. discount will be given for cash on time sums. Buyers from a distance must bring satisfactory bank references.

For catalog write

F. L. MORRIS, WOODLAND, CAL.

OR

JAMES W. McALISTER, JR., CHINO, CAL.

SALE MANAGERS

COL. B. A. RHOADES, Anctioneer

FOR SALE—MONEY MAKERS

We have For Sale a few fine young bulls that will fast grow into money for the purchasers. They are promising sons of our Junior herd sire, King Segis Pontiac Columbo, three-fourth brother to the $50,000.00 bull, but better bred as his second dam, Pontiac Columbo, is a former World Record daughter of the great Hengerveld De Kol.

King Segis Pontiac Columbo's daughters are all being retained in our herd to be developed and given records: they are a splendid lot and are sure to be heard from in a sensational manner when they freshen. Get one of his sons at our present "room wanted" prices and he'll grow into money faster than any investment you ever made.

PINE GROVE FARM

Oliver Cabana, Jr., Owner **ELMA CENTER, N. Y.**

A SON OF THE WORLD'S CHAMPION DAIRY COW

Finderne Pride Johanna Rue—the record holder in semi-official yearly test over all ages and breeds by a wide margin—whose performances in official test, eleven months after calving, are nearly 40 per cent ahead of any other record ever made in the "8-months division."

Finderne Johanna Rue Pontiac No. 115432, is a worthy son of his dam. He was sired by Gordon Glen Pontiac, the sire of the World's Champion junior 2-yr-old, and the only sire that ever lived having three junior 2-yr-olds above 25 lb. Gordon Glen Pontiac was by the youngest son of De Kol 2d, and from one of the best daughters of Hengerveld De Kol.

BREED YOUR BEST COW to Finderne Johanna Rue Pontiac, and raise something that will put you in line with the leaders at a minimum expense. Write for terms.

WILLIS E. STRYKER

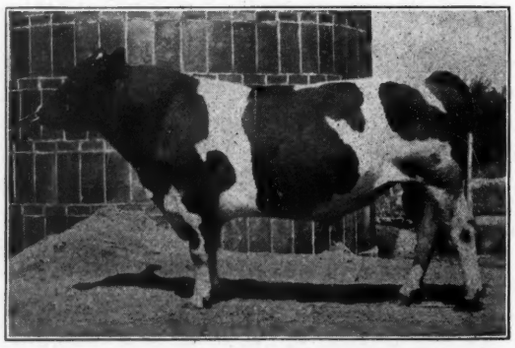
RIDGEDALE FARM **BELLE MEAD, N. J.**

This Year Eight Cows Produced 94 to 114.10 Pounds of Milk in Twenty-four Hours

LUCILLE JOLIE PONTIAC
Fat 19.148, Milk 463.10
Sr. 4-year-class—8 mo. division (World's Record)

ONA CLOTHILDE DE KOL
(12 years) Butter 26.44
Milk 668.50

Young Bulls from above Cows For Sale



ONA FEDORA DE KOL
Butter 30.52, Milk 650.60

ONA BUTTON DE KOL
Butter 30.29, Milk 608.40

ONA CLOTHILDE WAYNE
Butter 32.60, Milk 767.10

MAPLECREST PONTIAC HARTOG 62178—Senior Sire

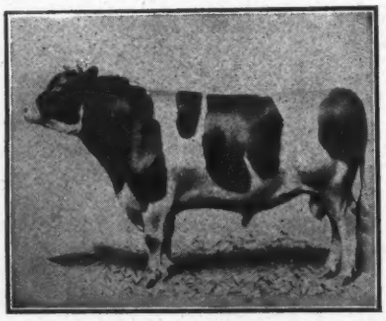
The only bull in the World having thirteen 30-lb. sisters, two of which exceed 35 lbs and three having yearly records in excess of 1200 lbs. and five above 1000 lbs. His dam is Ohio's first 30-lb. cow. She has a daughter having a yearly record of over 1200 lbs. and who in turn has a 1200 lb. daughter.

SIR PIETERTJE ORMSBY MERCEDES 40th 132722—Junior Sire

MEADOWHOLM HOLSTEIN CO.

PETER SMALL, Pres. and Gen. Mgr. **CHESTERLAND, OHIO**

KING SEGIS PONTIAC



Did you ever stop and think of the combination of this **Great Sire?**

Did you ever stop and think of his sire, King Segis, and his seventy producing sons and eighty-five producing daughters including seven all over 31 lb. each? Also the long list of producing granddaughters?

Did you ever stop and think of his dam, Pontiac Clothilde De Kol 2d and her six seven-day records up to eight years old including 37.21 lb. in seven days and 1271.60 lb. butter and 25,318 lb. of milk in a year, and she a daughter of Pontiac Korndyke?

Did you ever stop and think about his sons selling in the public sale rings for more money than those of any other sire living or dead?

Did you ever stop and think of the **Great Herds** they are heading today and what their future chances are going to be?

Have you looked up the 30-lb. records of his daughters and granddaughters?

KING SEGIS PONTIAC

As a First Prize Winner himself, as a sire of choice individuals; as a sire of High Priced Sires; as a sire of producing sons and daughters, is

IN A CLASS BY HIMSELF

Holstein History tells you all this but stop and consider it.

YOUR FUTURE HERD SIRE

You should stop and study these facts. Head your herd with a son of King Segis Pontiac and you need make no explanations. Everybody knows you are in the front row then. Others are there now.

Write your wants. We have them for sale.

R. E. HAEGER - - - ALGONQUIN, ILL.

CALIFORNIA HOLSTEIN BREEDERS SECOND CONSIGNMENT SALE

BIGGER AND BETTER THAN EVER

175--HIGH-CLASS REGISTERED HOLSTEINS--175

(TUBERCULIN TESTED)

HANFORD, CAL. **OCTOBER 14--15, 1915**

CONSIGNORS

R. F. GUERIN, Visalia
McALISTER & SON, Chino
HEWITT & HEWITT, Hardwick
ALEX. WHALEY, Tulare
W. J. HIGDON, Tulare
E. O. FAWCETT, El Monte
and C. C. LESTER, Gilroy, who is disposing of his entire herd of 65 head.

The above gentlemen are breeders of state-wide reputation and you are assured of receiving from them good cattle and good treatment. The class of cattle offered is on a par with that of any sale in the U. S. and include:

About 25 A. R. O. cows with records as high as 29.90 lb. made as 4-yr-olds including a 24.45 lb. 3-yr-old. About 30 daughters of A.R.O. cows with records as high as 30 lb. in 7 days including 2 daughters of the 29.90 lb.4-yr.-old—a daughter of the 24-lb. 3-yr.-old, all sired by Dutchland Sir Pontiac Aaggie, a son of Colantha Johanna Lad out of Aaggie Cornucopia Pauline 3d. About a dozen of their sisters also will be sold as well as a daughter of Homestead Girl De Kol Sarcastic Lad, a half sister to the former World's Record heifer, Juliana De Kol, and granddaughters of King of the Pontiacs, Colantha Johanna Lad, Pontiac Hengerveld Parthenea, King Segis Pontiac Emperor, Johanna Rue 3d and other noted animals. Their calves will be worth all the dams bring! Bred as they are to a son of Tilly Alcartra, a son of Juliana De Kol, a brother to the World's Champion senior 4-yr.-old and a brother to the World's Champion senior 3-yr.-old for yearly production, a son of a 36-lb. cow and to King Segis Pontiac Emperor 3d, son of King Segis Pontiac Emperor out of a cow with a record of 870 lb. butter in 1 year.

A great lot of young males!

About twenty well bred young bulls will be sold including King Segis Pontiac Emperor 3d mentioned above—a grandson of King of the Pontiacs out of a 28-lb. daughter of Johanna McKinley Segis, a son of a cow with a record of 772 lbs. butter in 1 year. You will like them.

For catalog and other information write

JAMES W. McALISTER Jr., Sale Manager

CHINO, CAL.

COL. B. A. RHOADES, L. A., Auctioneer

WE WILL CONSIGN

TO THE

BREEDERS CONSIGNMENT SALE at Syracuse, N. Y.

October 12 and 13, 1915

two carloads of nice young cows and heifers and three high class young bulls. In the consignment is the 29-lb. cow, Pietertje Segis Johanna Ormsby, the 24-lb. Jr. 2-yr-old heifer Susie Homestead Hengerveld Fayne and her four months old bull calf sired by the $15,000.00 son of the 44.18-lb. cow.

We will also sell the yearling son of Valdessa Ormsby De Kol, a 32.98-lb. daughter of Valdessa Scott 2d 41.87 lb. Another offering will be

a yearling son of the world's record cow

Finderne Pride Johanna Rue

36.87 lb. in 7 days and 1470.58 lb. in 365 days. These last two named are sired by King Pontiac Segis Korndyke brother to Mabel Segis Korndyke 40.36 lb., the world's record Jr. 4-yr-old cow. It is doubtful if three better bred young bulls ever graced a sale ring. Included in our consignment will be daughters of Gordon Glen Pontiac and King Hengerveld Aaggie Fayne, sire of Finderne Holingen Fayne.

SOMERSET HOLSTEIN BREEDERS CO.

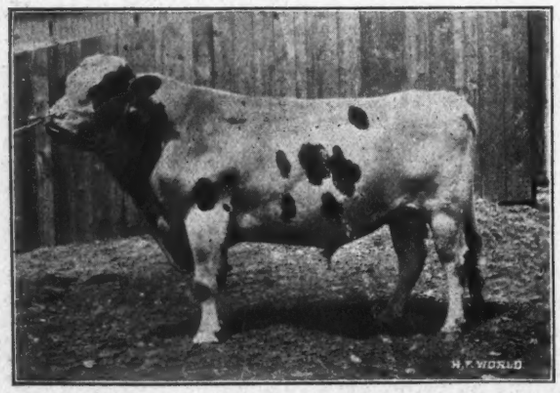
SOMERVILLE, N. J.

THIS BULL CALF $300.00

Born April 20, 1915

His Sire

His Dam



King Korndyke Hengerveld Ormsby 53822

25 A. R. O. daughters

His dam; Pietertje Maid Ormsby—

Butter 7 days..... 35.56 lb.

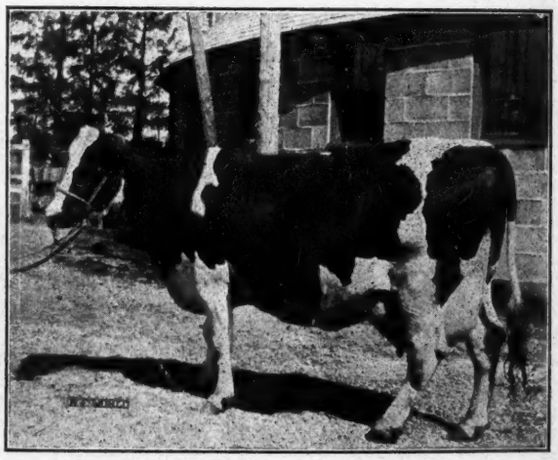
Butter 30 days.....145.66 lb.

(World's record when made)

His sire; Sir Korndyke Hengerveld De Kol—

32 A. R. O. daughters

A son of Hengerveld De Kol and Pontiac Darkness.



Mutual Hengerveld Veeman 1177/8

Butter 7 days..... 28.45 lb.

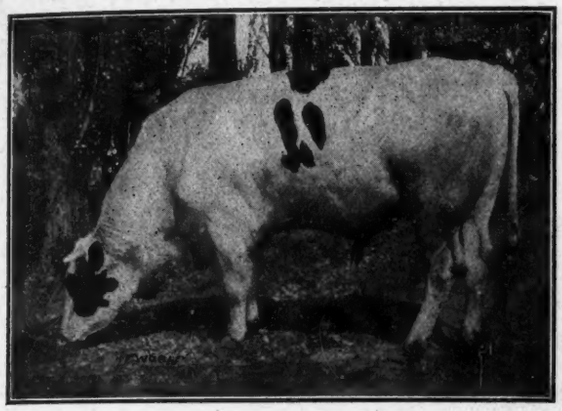
Butter 30 days.....116.76 lb.

At six years old she has three A. R. O. daughters.

Entire Herd Tuberculin Tested Annually

ONEIDA COMMUNITY, LTD. ONEIDA, N. Y.

Why Finderne Pietertje Fayne is the greatest Bull in the World



FOR SALE, son of Finderne Pietertje Fayne and Bessie Piebe Homestead 3d (29.09 lb. at 3 yr.) a full sister to Jessie Fobes Bessie Homestead (34.96 lb. at 4 yr.)

His dam, World's record three-year-old daughter of Johanna Rue 3d's Lad. She has two World's record sisters.

Sire's dam, World's record two-year-old daughter of Hengerveld De Kol out of daughter of Johanna Rue 3d's Lad.

Sire is son of King Fayne Segis out of the World's record six-year-old daughter of Homestead Jr. De Kol.

His junior three-year-old sister, Finderne Holingen Fayne, World's record three-year-old and greatest record, all breeds, all ages in 8 classes.

His junior two-year-old sister, Finderne Mutual Fayne, World's greatest yearly record by wide margin.

Every female relative has high per cent of fat in her milk.

PERFORMANCE, BREEDING, INDIVIDUALITY

MUNROE COMPANY, R1, Spokane, Wash.

IN NEW JERSEY

THE HOME OF THE WORLD'S CHAMPIONS

Will occur the

COMPLETE DISPERSAL

Of the herd of

George D. Frommel, High Bridge, N. J.

September 20, 1915

32 - - REGISTERED HOLSTEINS - - 32

14 - - HIGH GRADE HOLSTEINS - - 14

LORD PONTIAC and five of his daughters. He is a 30-lb. sire, whose young daughters are making a fine showing. Nearly all the females of breeding age in the sale are bred to Lord Pontiac.
KING SILVER COIN PIETERTJE (a 29-lb. sire) and six of his young daughters.
An A. R. O. daughter of KING OF THE PONTIACS.
A 22-lb. 3-yr-old daughter of a 33-lb. cow.
Good record granddaughters of KING SEGIS, DE KOL 2d's BUTTER BOY 3d and LILITH PAULINE DE KOL'S COUNT.

These are a few of the offerings.
SALE called at 12 o'clock sharp.
COL. B. V. KELLEY will preside in the box.
Write for catalog to:

GEO. D. FROMMEL, High Bridge, N. J.

Great Yearly Record Cows and Heifers

To be sold at Sacramento, Cal.

October 6 and 7, 1915

We will sell many of our best bred high record cows including:

16 with records above 600 pounds butter

8 with records of 795 to 828 pounds

Cows with 20,000-lb. milk records

The 31.47-lb. cow, Jane Korndyke of Riverside, 713 lb. milk in 7 days and 2875 lb. in thirty days.

A 28-lb. three-year-old and several others above 25 lb.

2 daughters of 30-lb. cows—5 daughters of 800-lb. cows. Bred to sons of World Record Cows.

KING SEGIS PONTIAC EMPEROR—Our Senior Herd Sire.

By KING SEGIS PONTIAC from a full sister to KING OF THE PONTIACS. His winnings for three consecutive years at California State Fair in strong competition sufficiently indicates his individuality. 14 of his daughters in this sale from cows with seven-day records as high as 33 lb. and yearly records as high as 1003 lb.

A son of a 32.76-lb. junior 4-year-old daughter of De Kol Burke by SEGIS PONTIAC DE KOL BURKE.

A son of a 31.78-lb. 4-year-old daughter of De Kol Burke, sired by a son of King Segis Pontiac Emperor and Aralia De Kol, the first 28,000-lb. cow.

A son of DE KOL OF VALLEY MEAD 2d, 1011 lb. at 4½ years and 906 lb. at 3½ years, on both of which she was awarded first prize by the Holstein-Friesian Association of America. For two years she has held highest record of the breed in senior three-year-old class eight months after calving.

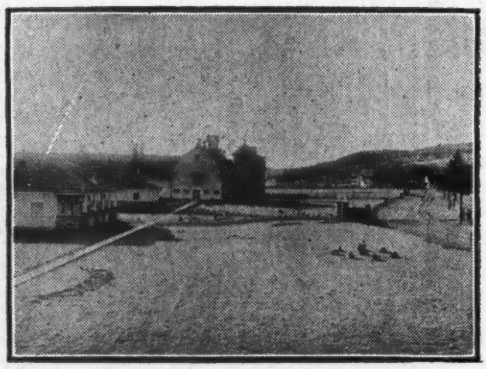
Others with 1000-pound dams and sire's dams.

Our consignment has been inspected by several Holstein authorities and we are told that they surpass in type anything ever offered in public sale. See Sale Advertisement in this issue.

A. W. MORRIS & SONS CORP., WOODLAND, CAL.

RAG APPLE KORNDYKE 48020

The Logical Successor to His Famous Sire



He has 27 A. R. O. daughters including:

Fairview Rag Apple De Kol (37.09 lb. at 6 years) who has made three records at 2, 4 and 6 years averaging 30.05 lb.—**an unequalled showing.**

Fairview Rag Apple Darkness	4 yr.	27.73
Fairview Rag Apple Pauline		26.43
Star Farm Cornucopia Rag Apple		26.41
365 days		882.38
Milk		20388.90
Sadie Vale Korndyke 2d	3 yr.	25.03

8 others above 20 lb., including a number of 2-yr-olds.

RAG APPLE KORNDYKE

was purchased for	$5,000.00
His dam sold for	8,000.00
His brother sold for	10,000.00
His son sold in public sale for	25,000.00

(The highest price on record)

Prices do not make quality, but quality commands the prices.

Rag Apple Korndyke is a splendid individual, of rugged constitution, weighing 2650 lb. These characteristics he transmits without exception to his offspring. He has over 100 young daughters coming on, and sons at the head of many of the greatest herds.

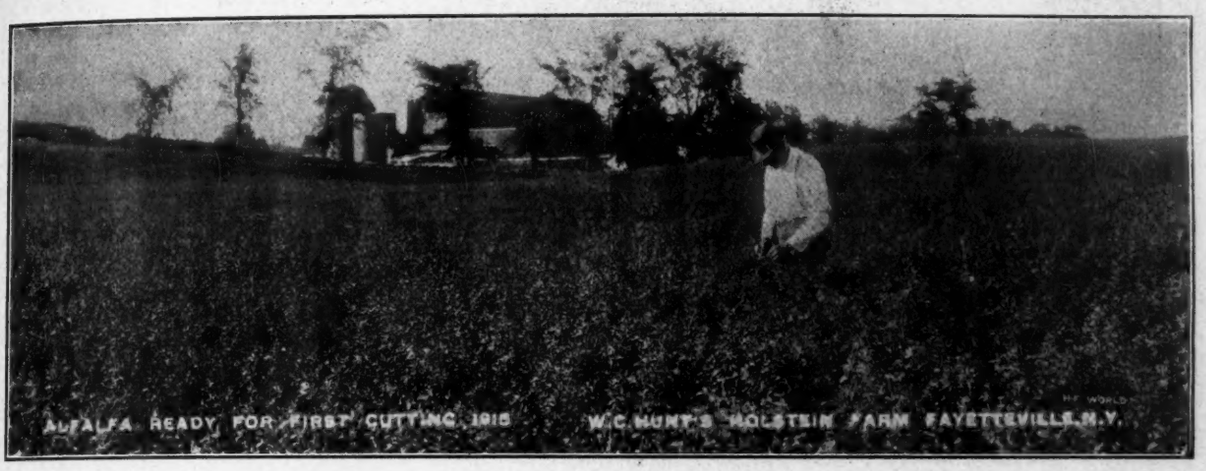
Is there anything more desirable (all things considered) than a son of Rag Apple Korndyke, from the right sort of a dam? We have a number of them which we are offering at reasonable prices.

JENNINGSHURST STOCK FARMS

W. WORTH JENNINGS, Prop. TOWANDA, PA.

Holstein-Friesian World

Vol. XII LACONA, N. Y., SEPTEMBER 11, 1915 No. 37

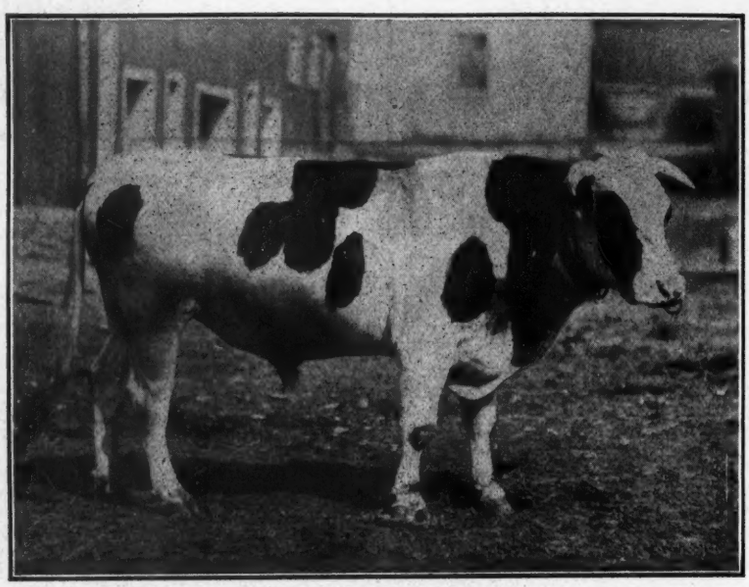


The W. C. Hunt Holstein Farm

By M. S. PRESCOTT

SEVEN miles from the city of Syracuse, in the heart of the alfalfa country, with an interurban electric line running right by the door, two good, wide-awake villages but one mile distant on either side, and a state road under process of construction to the Syracuse pavement, Mr. W. C. Hunt has a location leaving little to be desired. This farm of 300 acres has a mile frontage on the main road from Syracuse to Cazenovia by way of Fayetteville and Manlius, being midway between the two latter villages. The day of my visit Mr. Hunt was right in the midst of harvesting his oats and his second cutting of alfalfa. Seventy-five acres of it are grown on the place, with an average of about three and a half tons of mow-cured hay per acre. This year the average will be close to four tons. This will mean that Mr. Hunt will be able to sell 150 tons, and still have over a hundred tons left to feed. This will bring in a revenue of over $3000.00 as first cutting alfalfa is now selling for $20, and the second and third at an advanced price. We would call particular attention to the photographs of the Hunt alfalfa fields in connection with this article. The field with the hay in cocks was cut first this year June 10th. August 11th, the day of my visit the third cutting on this field stood way above my knees and was the grandest sight of its kind I have ever seen. Not a weed was in sight over the whole expanse— just a deep, rich, alfalfa green—a delight to the eye. Mr. Hunt is a very thorough farmer, and with such responsive land, intelligent care is amply rewarded. Mr. Hunt makes use of a nine-year rotation, which to the man unaccustomed to alfalfa farming, may look like a poor system. Here is the way it works out. Five years of the nine are devoted to alfalfa; one to oats and seeding, the alfalfa being sown thus, without special preparation or inoculation. No other grass is grown on the farm, except for pasture. Two bushels of oats per acre are sown as a nurse crop, and ordinarily returns a yield of about 50 bushels per acre. Mr. Hunt showed me one field from which the oats had just been removed. There was almost a perfect mat of young alfalfa coming on—it never fails to catch. This, so Mr. Hunt said, will be knee high by fall, but is not cut the first year. The second year only two cuttings are taken off, each being allowed to become quite ripe before harvesting which is supposed to strengthen the roots, and make the succeeding growth more satisfactory. The third cutting the first year is allowed to go back on the ground. The other four years all three cuttings are harvested. Many people have a misapprehension as to the proper time to cut alfalfa. "Disregard the blossom," said Mr. Hunt, "and look for the little shoots at the base of the stalk. As soon as these appear, the crop is ready to harvest. If it is cut before the shoots appear, the next cutting will not start up immediately, and weeds and thus given a chance to make headway." This idea Mr. Hunt demonstrated to us, the little shoots being very easily discernable on one field where the harvest had been delayed by the wet weather. After the alfalfa has been cut five seasons it is plowed, and corn is grown two years; then a crop of roots or cabbage, after which follows the seeding and then around the circle again.

A part of the farm is planted to fruit—berries, grapes, cherries, etc., and these likewise are given scientific care, and return a good profit. An acre of asparagus netted over $170 this year. Altogether, so Mr. Hunt stated, his income from products sold off the farm, exclusive of dairy products, totalled from $2,000 to $4,000 per year. This, however, is to be regarded as surplus production, for the dairy and breeding herd of 120 head of Holsteins is, of course, the main feature of the business. A splendid market for the milk is available; about half of the product is bottled and brings five cents per quart delivered at the trolley station (just across the road). The balance is run through a separator, the cream (35 per cent) commanding a



KING PONTIAC JEWEL—17 A. R. O. daughters, 5 with 2 and 3-yr-old records of 21 to 23 lb. A son of King of the Pontiacs and Jewel Korndyke (25.65 lb.), a daughter of Pontiac Korndyke and Pontiac Jewel (30.72 lb.—992.11 lb. in a year), who was by Hengerveld De Kol. Head of the W. C. Hunt herd.

price of 35 cents per quart, with plenty of skim milk left for home consumption. Thus during the year ending July 1, 1914, $8537.22 worth of milk and cream were sold, and during the past year, $8879.95. These figures do not include any valuation for the skim milk. Exclusive of young calves, the herd now numbers eighty-three head of registered females, something less than fifty being in milk. This milk is produced very economically, as the combination of alfalfa hay and corn silage makes it necessary to feed but a small amount of boughten concentrates. Three large silos (one holding 300 tons) are filled each year, and one of these had not yet been opened from last year's filling at the time of my visit (August 11th). The field of 35 acres of corn this year looks as though it would easily crowd the storage capacity of the big tubs. The pastures likewise are excellent, one field of fifty acres supporting fifty head in luxury. There is running spring water in every field, and in the buildings, both house and barns. This is an important consideration.

But to return to the herd: It is of very even quality throughout, and includes some excellent individuals. Twenty of them are daughters of the senior sire, King Pontiac Jewel, who was by King of the Pontiacs, and from Jewel Korndyke, a 25-lb. 4-yr-old daughter of Pontiac Korndyke and Pontiac Jewel, the famous 30-lb. daughter of Hengerveld De Kol. This, it will be seen, is quite a remarkable combination. King Pontiac Jewel is a bull of good substance and dairy quality, and his offspring have all the earmarks of producers. In addition to these daughters, the herd includes 20 head in calf to him. The majority of the herd, however, are in calf to Pietertje Hengerveld Segis, the famous son of King Segis, and Blanche Lyons De Kol, (33.31 lb.), the highest record daughter of Pietertje Hengerveld's Count De Kol and Blanche Lyons. This bull was owned jointly by Mr. Hunt and Mr. H. C. Swartout for over two years, Mr. Swartout also owning a half interest in King Pontiac Jewel. The plan was to change bulls every six months. Pietertje Hengerveld Segis was at the Hunt farm at the time of the foot-and-mouth disease outbreak, and hence stayed all winter. The partnership has now been dissolved, King Pontiac Jewel being retained by Mr. Hunt, and Pietertje Hengerveld Segis by Mr. Swartout.

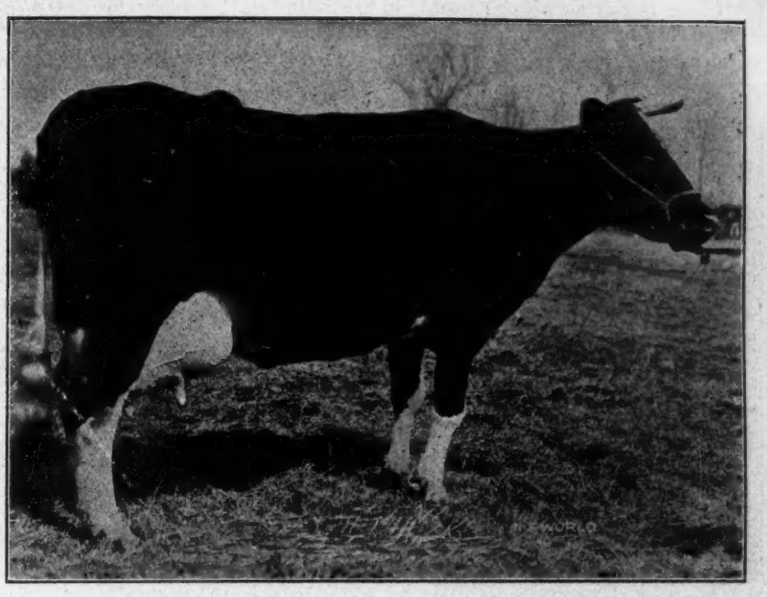
Some of the best young cows in the herd are daughters of Pietertje Hengerveld Segis, two of them winning $54.00 in prize money last year. Other particularly promising individuals are daughters of Colonel Beets Segis (a 30-lb. son of King Segis) and Lyons Hengerveld Count De Kol, a son of Betta Lyons Netherland (34.71 lb.), the first 34-lb. daughter of a 34-lb. dam. Six A. R. O. daughters of Duchess Ormsby Butter King are valuable additions to the herd, as are an equal number sired by a 29-lb. son of King Hengerveld Segis, Sir Korndyke Pontiac Artis and Sir Pontiac Rag Apple Korndyke are likewise well represented. The accompanying illustration will serve to give a general idea of the appearance of the dairy herd.

The W. C. Hunt Dairy Herd at Pasture.

Mr. Hunt is especially proud of his latest acquisition, a bull to breed on the daughters of King Pontiac Jewel. King McKinley Walker is his name. and he is a son of King Walker and A. & G. Inka McKinley—the famous dam of the still more famous King Segis.

KING McKINLEY—The new sire in the W. C. Hunt herd. He is a son of King Walker and A. & G. Inka McKinley (29.62 lb.), the dam of King Segis.

The result of mating daughters of Pietertje Hengerveld Segis to King Pontiac Jewel, and these heifers to King McKinley Walker, should prove a winner. The unfortunate fact in connection with King McKinley Walker is that he has been in a small herd where he has had absolutely no opportunity for development through his offspring. Mr. Hunt, however, was remarkably impressed with their uniformity, and finally purchased a pair of youngsters along with their sire, "just for samples." They are very superior individuals with especially well placed bag and teats. The bull himself is an individual of merit as the accompanying snap shot shows. It will be noted that he is very square built, and well set up. He is good at both ends and in the middle. His veins and rudimentaries are worthy of special mention. We predict a good future for him in the Hunt herd. Mr. Hunt takes pride in submitting the following letter from Mr. H. A. Moyer, who bred King McKinley Walker. "I have just received the photograph of King McKinley Walker which looks good to me. He sure will make a great sire. I do not believe there is a bull living today that has more of the Milla's Pietertje Netherland blood than he has."



PONTIAC LADY KORNDYKE—Butter 7 days, 38.03; milk, 601.40; butter 30 days, 156.93; milk, 2496.70. The first cow to make an official record over 38 lb. butter in 7 days or over 150 lb. in 30 days. Dam of the $25,000 bull, Rag Apple Korndyke 8th. Carries 75 per cent of the blood of Pontiac Korndyke.

Mr. Hunt's connection with the Holstein industry covers a period of nearly two dozen years, starting in business with his father, Mr. Charles Hunt, at Delphi, N. Y., in 1892. This experience raised his standards high, for the herd contained some of the best of the early imported cows, including Pleasant Valley Maid, with an unofficial record of 29 lb. butter in 7 days, Duchess, Amarilla, and others of nearly equal quality, as well as daughters of Milla's Pietertje Netherland. In 1896 the partnership was dissolved and W. C. purchased the Village Farms at Liverpool, now owned by the Stevens Brothers Company. Here a goodly amount of Holstein history was made. If you will stop and consider what the Pontiacs have done for the breed, you will realize more strongly perhaps the importance of their discovery, and that feat must be credited to W. C. Hunt, who in 1903 brought several carloads of heifers—daughters of Pontiac Korndyke and Hengerveld De Kol—from Pontiac, Michigan, to Village Farms. A number of different shipments were made, a part of them being sold to Stevens Brothers, at Lacona, and a few went on up into the north country to E. H. Dollar's herd. To Mr. Hunt must go the credit not only for bringing the first Pontiacs east, but for proving their quality by official tests as well. It was in the Village Farm herd that Pontiac Jewel (grandam of the present Hunt herd sire), Pontiac Clothilde De Kol, Pontiac Calypso, Pontiac Pleione and Pontiac Rag Apple first showed their outstanding merit, combining with Winana Pietertje De Kol, Aaggie Topsy De Kol and Rowena Maid 2d's B., to make the Village Farm herd the leading money winner for 1903-4, with a total of $208.00 in prize money. It is likewise true that the Village Farm Herd had more cows in the prize list (including prize winners and those debarred by the rule of limitation) than any other firm; in fact, lacked but one of having as many as any two others.

KING PONTIAC LILITH ALTOANA—A son of King of the Pontiacs and Lilith Beryl Altoana (27.14 lb.), a three-fourths sister to Lilith Altoana De Kol (33.61 lb. at 3½ yr.) The dam's dam is a 25-lb. daughter of a 24-lb. cow. Making good in the herd of Fay & Cloyes, Earlville, N. Y.

In 1905 the Village Farm and herd was sold to Stevens Bros.-Hastings Co., and Mr. Hunt accepted a position as manager for the Pierce Land & Stock Company, which maintained a herd of about 400 head at Stockton, Cal. Here, under Mr. Hunt's supervision, Alcartra Polkadot made the first 29-lb. record ever completed on the Pacific Coast. Upon the dispersal of the Riverside herd in 1907, Mr. Hunt returned to the East, purchasing a small farm near Fayetteville. The present location was secured in 1911, it having been for some years a Guernsey farm.

Mr. Hunt is building on solid principles. His herd as a dairy proposi-

tion alone is paying a good profit. In addition, his surplus farm products are sufficient to provide a very satisfactory income, enough cattle being kept to materially increase the fertility of the soil. Thus considerable latitude is allowed in the breeding operations and judging the future by the past as well as the present, we believe the W. C. Hunt herd is bound to do its part in shaping the Holstein history of years to come.

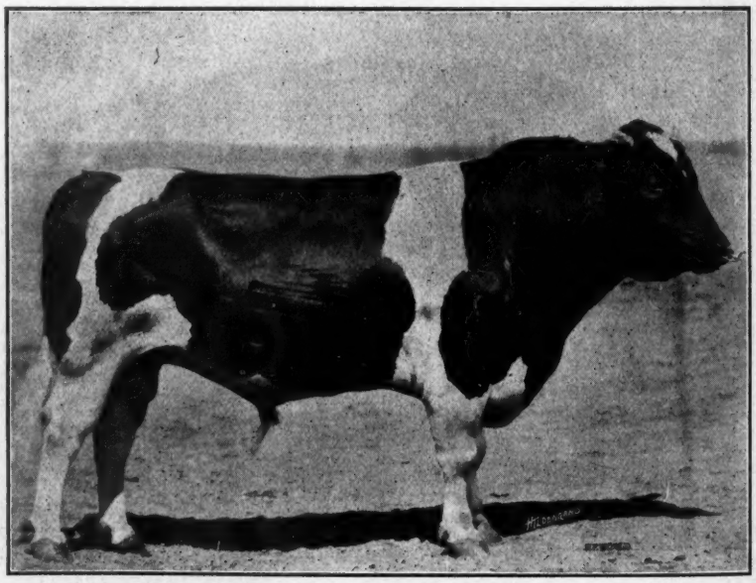
A Journey Among the Southwestern New York Breeders

By E. M. HASTINGS

TO US who have long taken it for granted that the center of the Holstein industry is located in the vicinity of Syracuse or Lacona or somewhere in the Madison-Chenango district, it is an interesting revelation to discover the class of herds and the sort of breeders that may be found in a day's drive through Southwestern New York. The special purpose of my recent tour of this district was to gain a general idea of its leading Holstein establishments that are making history for the breed at the present time. Leaving home last Thursday morning it was my pleasure to spend the afternoon of that day and the two days following in the midst of conditions that testify most emphatically to the profit-producing capacity of the Holstein cow. New barns were everywhere in evidence, farms were well tilled, dwelling houses were neat and attractive. In short, working conditions and living conditions were such as to give the tourist a very favorable impression of the country.

Of my brief visit at Mr. Cabana's farm Thursday afternoon, it is not necessary for me to say very much because Mr. Prescott, in a recent article, gave a description of the Pine Grove Farm establishment in considerable detail. However, it may be mentioned that a new farm has lately been added to the Cabana estate which means increased capacity for Holstein cattle and continued expansion of the Cabana Holstein interests which have already assumed colossal proportions. Official tests are constantly in progress at Pine Grove with such results as are indicated by the fact that Fairview Pontiac Rag Apple, a daughter of the $25,000 bull, Rag Apple Korndyke 8th, has just completed a record at 26 months old of 21.14 lb. butter, 393½ lb. milk in 7 days, while other daughters of the same sire are closely crowding the 20-lb. mark. Even more important is a record of over 33 lb. by a 4-yr-old daughter of Albina Butter Boy. This was made with first calf and is therefore a World's record.

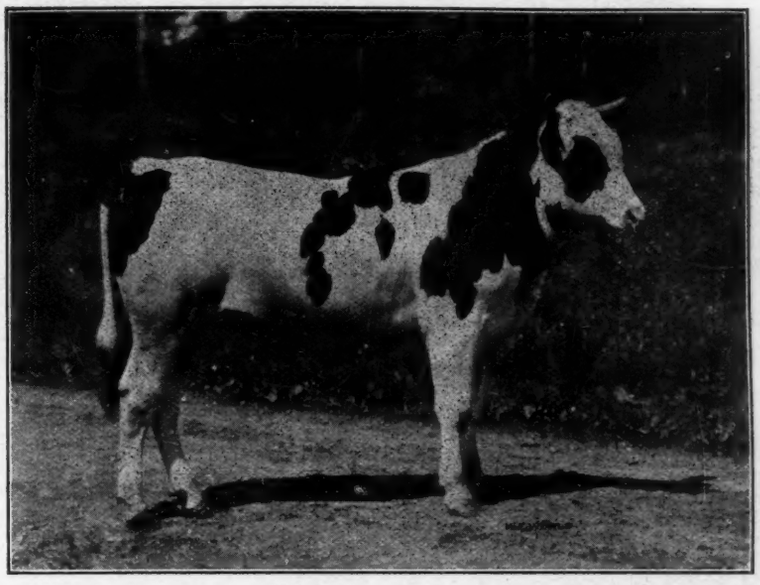
Leaving Buffalo at 6 p. m. I reached Salamanca too late to visit Mr. Fancher's herd that evening but with a six o'clock start the following morning succeeded in making a hasty call at the Fancher farm before breakfast. Mr. Fancher is one of the big men of the town and, though occupied with important business enterprises, is developing a farm and building up a herd that bids fair to constitute one of the greatest Holstein establishments in Western New York. A large new barn is now being completed which is well equipped and of attractive architecture. The herd, numbering upwards of 100 head, includes 60 or more daughters of King Aaggie Segis, who is a straight, square-built individual and in breeding among the best, being a son of King Segis and from a 29-lb. daughter of Paul Beets De Kol. His get are remarkably straight and of excellent type which means that the Fancher herd is a



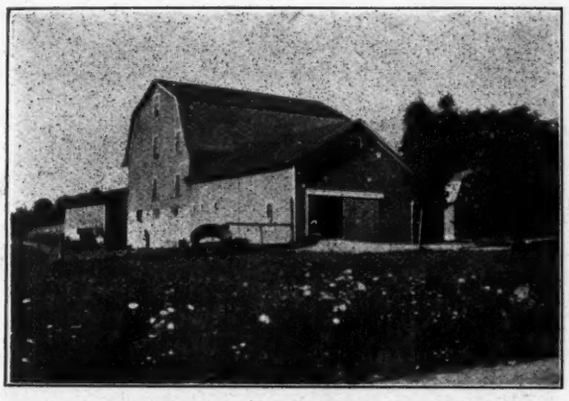
RAG APPLE KORNDYKE 8th—The $25,000 bull. Another of his 2-yr-old daughters has just made a 21-lb. record. A number of cows in calf to him are to be sold in the Southwestern New York Breeders' Sale. Owned by Oliver Cabana, Jr., Elma Center, N. Y.

good one. Mr. Fancher owns and operates between 800 and 900 acres of land and as the main buildings of the farm are well located just outside the city of Salamanca, it will readily be understood that the herd attracts much local attention.

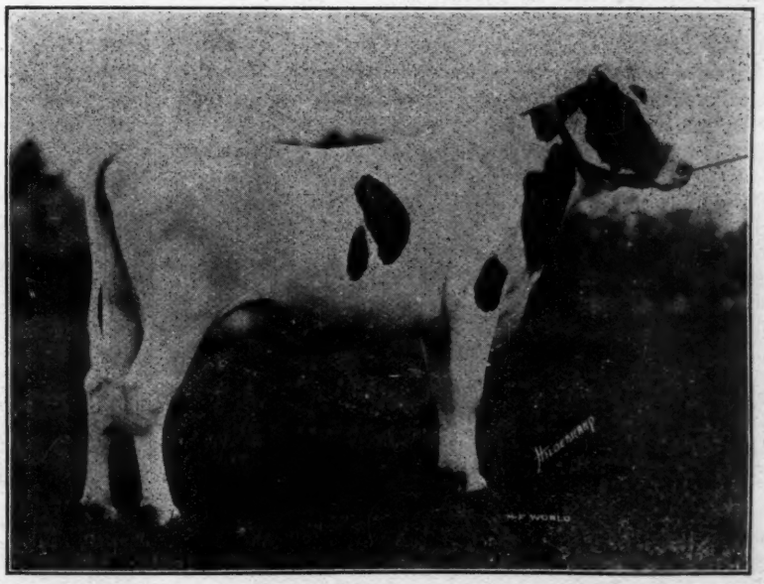
Leaving Salamanca at 7:22, a railway journey of eighteen miles without an intervening stop brought me to the village of Randolph where R. H. Taylor, Cashier of the bank and Secretary of the Southwestern New York Holstein Club, was awaiting me with his automobile. We made a short visit to the Dow Farms where we found Dutchland Colantha Sir Inka looking as hale and hearty and as straight and attractive in appearance as ever. He is, I believe, the largest Holstein bull that I ever saw and in form and general make-up he is a show animal of pronounced merit. Being a 30.8-lb. son of Colantha Johanna Lad and holding the distinction of having a list of daughters that won more money in prizes from the Holstein-Friesian Association last year than were awarded to the daughters of any other bull, he represents a rare combination of individual quality and excellence of breeding combined with ability as a sire. This extraordinary bull is owned jointly by Chas. M. Dow & Son and James Phelan of Forestville in both of whose herds are many of his daughters, all a credit to their sire in appearance and likewise in performance so far as they have been given an opportunity to show their worth. Mr. Dow is President of the Chautauqua County Bank at Jamestown and has long been distinguished in public life. At present he holds the honor of being Chairman of the Committee of Conservation in the New York State Constitutional Convention now in session. The August number of the Review of Reviews presents his portrait and refers to him in the following paragraph that will be of interest to his Holstein friends: "Something of the value of an intelligent committee as a defence of the constitution against the onslaughts of private interests is illustrated by the work of the Committee on Conservation of Natural Resources, under the chairmanship of the Hon. Charles M. Dow, for many years the head of the Board of Commissioners of the State Reservation at Niagara. Although this is the first constitutional convention in the history of New York that has attempted to cover this field, the data acquired by this committee, utilized as they will be in debate by several of the members who are among the leading delegates, will make so strong a showing that the efforts of lumbering companies to annul the restrictions in the present constitution on the control and use of the State forest lands are



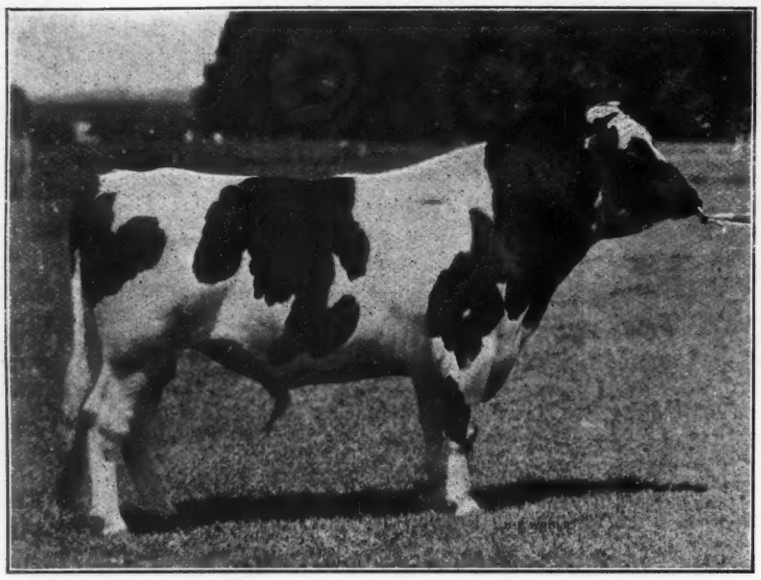
KING VEEMAN SADIE VALE—A son of King Korndyke Sadie Vale, from a 30-lb. daughter of Sir Veeman Hengerveld. Bred by W. D. Robens, Poland, N. Y. Owned by James Phelan, Forestville, N. Y. Ernest Dye and Lester Park, South Dayton, and C. L. Cole, Perrysburg, N. Y.



Barns of Henry B. White, Fredonia, N.Y.



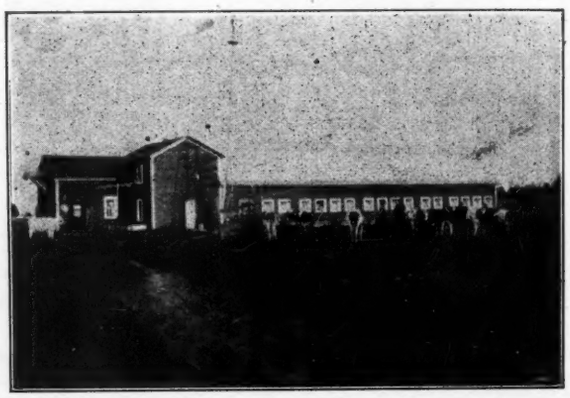
FAIRVIEW PONTIAC RAG APPLE—A 2-yr-old daughter of Rag Apple Korndyke 8th that has just completed a 21-lb. record. Her dam carries 87½ per cent of the blood of Pontiac Korndyke and Hengerveld De Kol. Purchased for $1100.00 in the Dollar Sale by Oliver Cabana, Jr., Elma Center, N. Y.



HENGERVELD HOMESTEAD DE KOL—One 17-lb. 2-yr-old daughter. A son of Hengerveld De Kol 5th and Royal Homestead De Kol (31.99 lb). His 3 nearest dams average 30.49 lb. butter; 644.1 lb. milk. Bred by C. L. Roberts, Basking Ridge, N. J. Owned by James Phelan, Forestville, N. Y., and Ernest Dye, So. Dayton, N. Y.

likely to prove wholly fruitless. Included in the membership of this committee are men who have given years of thought to the ways and means of protecting the forest and water resources of the Empire State." Mr. Dow's influence was valuable in effecting the organization of the Southwestern New York Holstein Breeders Club which now has a membership of more than two hundred and is doing aggressive missionary work for the breed. The Dow Farms last year afforded a convenient location for the first annual sale held under the auspices of this club. In that sale, consisting of about eighty head, were more than forty buyers, or an average of one buyer for every two animals sold. It was in that sale that Mr. Dow bought for $200 a 6-yr-old cow bearing the good old-fashioned name of Netherland Harriet Ann; a cow that has since achieved distinction by producing in one day 138 lb. of milk which is a world's record. The results of the first sale, which attracted a crowd of close to a thousand people, and the co-operation of the proprietors of the Dow Farms in promoting the success of that event, led to the designation of the same place for holding the second annual sale of the club which is scheduled for the first of October and in which upwards of 100 animals are to be sold. This is an event that is enlisting the united support of the organization whose members are ambitious to establish in their midst a market-place for the best cattle they have to offer.

Leaving Randolph early in the forenoon, accompanied by W. C. Bentley and Geo. C. Rasey and son, we proceeded on our journey stopping first to see the herd of E. E. Blackmer whose leading sire is a very fine son of King of the Pontiacs. Stopping at Akley Bros. farm we found a new barn and some good cattle, the herd being headed by a three-fourths brother to Dutchland Colantha Sir Inka. Our next stopping place was at the farm of L. G. Kirkland, who is one of the leading members of the club and is also a member of the sale committee. Mr. Kirkland is breeding along improved lines having at the head of his herd a 23-lb. son of Judge Segis, who, like his sire, is an excellent individual. A drive of a few miles brought us to Frank Wheelock's farm near Kennedy. Mr. Wheelock's enterprise is shown in a new barn just completed as well as in the appearance of his cattle which are of excellent dairy quality.

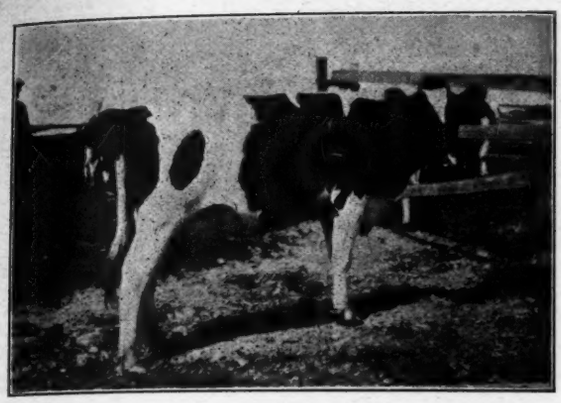


New calf barn of D. D. Decker & Son, South Dayton, N. Y.

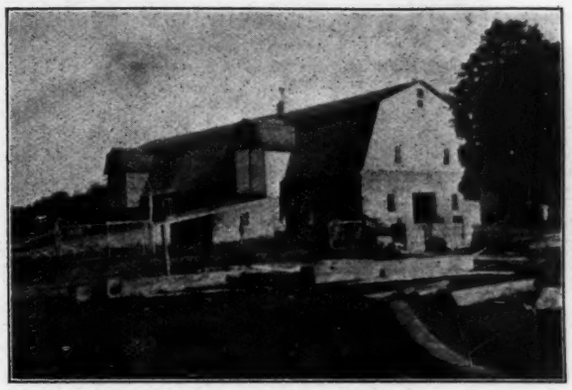
We reached Jamestown in time for luncheon and then followed the wes-

A member of the Randolph Sale Consignment of D. D. Decker & Son, South Dayton, N. Y.

A bit of scenery in Southwestern New York.



CYNTHIA CLYMER—Owned by R. D. Rexford, Bemus Point, N. Y.



Dairy barn of E. B. Dye, South Dayton, N. Y.

tern shore of Chautauqua Lake for some miles to a ferry that took us across to Bemus Point which is one of the many pretty resorts on a lake famed all over the world for its beauty. A short drive over the hill brought us to Russell D. Rexford's finely located place overlooking the lake and commanding a wide view of the picturesque valley in which this body of water lies. Mr. Rexford is a pleasant man to meet and his hand-clasp was cordial and kindly, notwithstanding the fact that he has lately suffered a serious bereavement in the loss of his wife. Mr. Rexford's farm is valuable. His cattle were among the best that we saw on our journey. He has three interesting children and with an unbroken family circle would be ideally situated. We could only express our sympathy realizing that, while words are inadequate, the bonds of human fellowship that unite us may still help to make life worth living. So we think of Mr. Rexford in his loneliness and by this token offer him our condolence.

A drive of some miles over hills and through valleys brought us to Henry B. White's farm near Fredonia where we found tidy, well-kept buildings and everything in order and also an excellent herd of cattle. It was our pleasure the following afternoon to share the hospitality of Mr. and Mrs. White in a long automobile drive when we made some interesting discoveries concerning Mr. White's attainments not the least of which is the fact that he is an accomplished trout fisherman and capable woodsman.

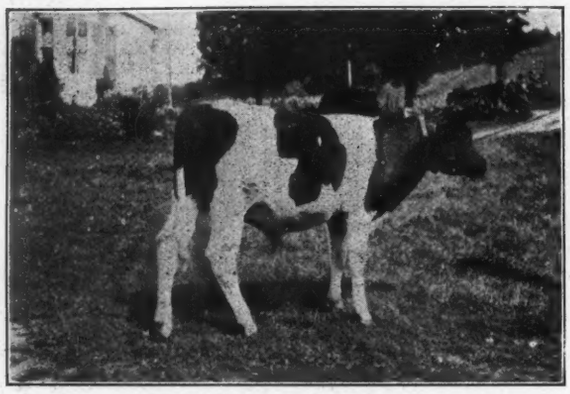
LUCY INKA COLANTHA GIRL—Butter 3½ yr., 15.50. A daughter of Dutchland Colantha Sir Inka. Owned by Henry B. White, Fredonia, N. Y.

Out next stopping place was at Ernest Dye's where we found a large concrete barn in process of construction. Mr. Dye has been a Holstein breeder for a decade or more and told me that without pure-bred Holsteins his new barn never would have been a possibility. He has found the Black and White breed profitable as a dairy proposition and on this point I found that all the breeders whom I interviewed were agreed. Mr. Dye's fine farm and excellent herd and beautiful new barn merit extended description.

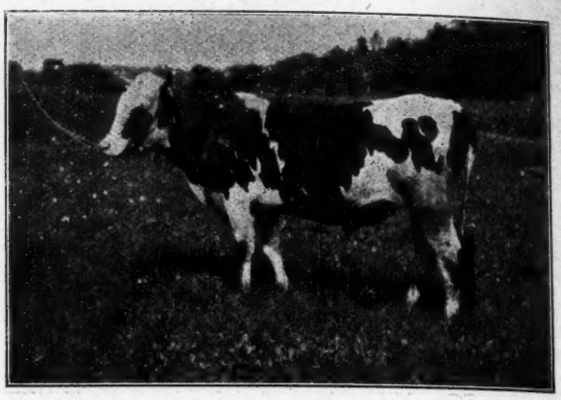
A quarter of a mile distant is the farm of D. D. Decker & Son, which it was my pleasure to visit for the first time a year ago. On that occasion I saw Mr. Decker's 34-lb. son of King Segis Pontiac Alcartra and then pronounced him a fine animal but when I saw him last Friday I was glad to note that he has developed and improved to a remarkable degree during the past year and is individually a

PEG MECHTHILDE PRINCESS—Owned by Henry B. White, Fredonia, N. Y.

Two of the good ones consigned to the Randolph Sale by Henry B. White, Fredonia, N. Y.



A grandson of Dutchland Colantha Sir Inka, consigned to the Randolph Sale by the J. H. Ackley Estate, Conewango Valley, N. Y.



KING KORNDYKE SADIE VALE 3d—A son of King Korndyke Sadie Vale, from a daughter of King Segis De Kol Korndyke. Owned by Frank Wheelock, Kennedy, N.Y.

credit to his extraordinary breeding. Mr. Decker has just completed a new calf barn which is convenient in arrangement and attractive in appearance. The herd is made up of fine individuals and the general appearance of the establishment was such as may be expected when father and sons are working together for the good of the cause.

A few heifers in the herd of Russell D. Rexford, Bemus Point, N. Y.

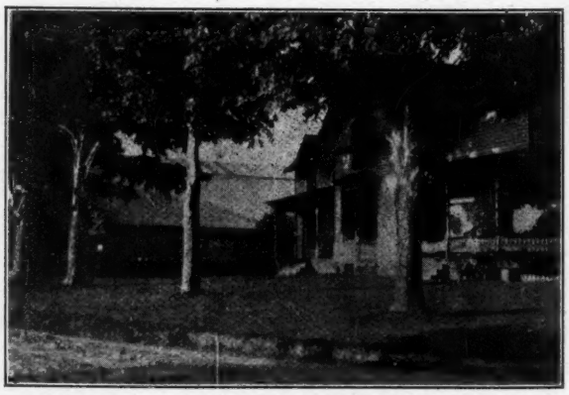
In the evening it was my privilege to call on R. A. Fowler who likewise has just completed a new barn and in whose herd I found a bunch of the handsomest calves that I have ever seen. Mr. Fowler's twelve-year-old son was an interested on-looker as we inspected these youngsters and I was told that the boy had had the exclusive charge of these calves which were certainly a credit to their youthful care-taker. When I complimented Mr. Fowler on the uniform individual excellence of his cattle he quoted the remark of the horseman, Hamlin, that he was aiming to combine beauty with speed and, said Mr. Fowler, "What I want to do if I can is to combine in my cattle beauty and producing ability."

The following day the Phelan homestead at Forestville was the meeting place of the Southwestern New York Breeders. Of the Holstein field day there held I will undertake to give a report in a later issue. In this paper I will merely say that the appearance of Mr. Phelan's cattle demonstrated the fact which I had long taken for granted that the owner is one of the best cattlemen in his part of the state. He is looking for results and is building up a herd that is a valuable object lesson to all who have the opportunity of seeing it. The members of the Phelan Herd are fine, large individuals and in excellent condition. In official test they have done extraordinary work.

In the herd of Dr. W. W. Jones, near Dayton, I found some very promising young daughters of Mr. Decker's Alcartra bull and in the herd of Mr. Parks at South Dayton cows of extra size, all of uniform individual quality, also some remarkably attractive heifers among which was a fine daughter of Mr. Phelan's junior herd sire, Hengerveld Homestead De Kol. Mr. Parks is a live wire, interested in promoting the success of the club and apparently a decided success in the conduct of his own business. He has lately made extensive alterations in his barns and now has one of the best equipped plants that I saw on my journey.

My hasty inspection of the herds in Southwestern New York emphasizes the fact that in the right hands the

Residence of Russell D. Rexford, Bemus Point, N. Y.



A view of the residence and barn of E. B. Dye, South Dayton, N. Y.

pure-bred Holstein cannot fail to command prosperity for her owner. The most progressive dairymen of that district, the farmers who are building new barns and who, in other important respects, are doing things, are, almost without exception, owners of pure-bred Holsteins—and they are not at all disinclined to give to the Holstein cow a large share of the credit for their success.

Lacona, N. Y., Aug. 31, 1915.

Present Status of Investigations of Foot and Mouth Disease

A Lecture Given to the Economic Society of the Kingdom of Saxony in Dresden by Professor Dr. Loeffler, of Greifswald, Germany

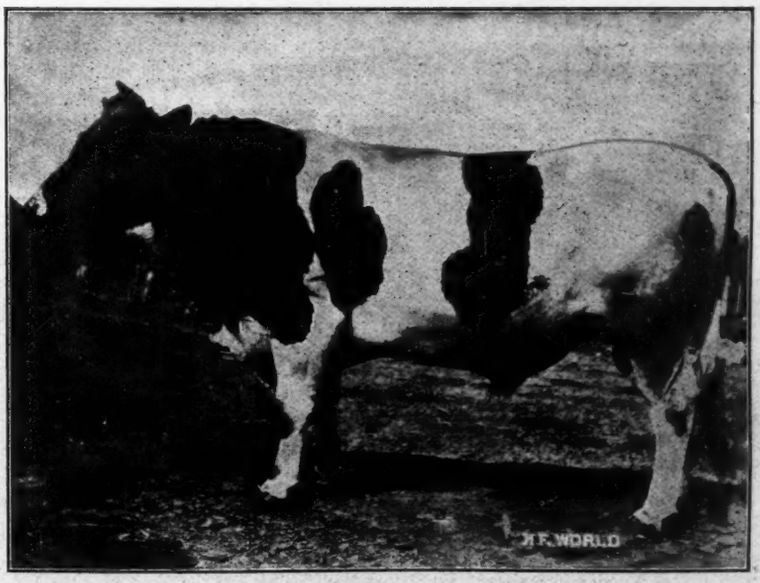
WITH great pleasure I respond to the invitation to give an address before the Economic Society of the Kingdom of Saxony on the present status of the investigations on foot-and-mouth disease, because all the members of this Society are men who have a special interest in the weal and woe of the agricultural industry. Among the worst calamities of agriculture are to be reckoned the animal diseases. Among them, next to tuberculosis, foot-and-mouth disease is the most important, because it very suddenly and unexpectedly attacks herds of cattle, swine, and sheep and causes very heavy losses to the owners. The losses have been estimated in terms of adult cattle at 100 marks ($25) per head. In formidable movements this plague has devastated Germany and its neighbors. Just before 1900 it cost Germany hundreds of millions (marks). In 1910, though it had been stamped out of Germany for some years it was introduced from Russia anew, and, favored by commercial activities, it acquired unforeseen momentum and quickly spread all over Germany. Attempts were made to control it by the killing of sick animals; but these efforts were in many ways of no avail.

The Secretary of Interior has expressed himself concerning this situation, in reply to an inquiry in the Reichstag, as follows: "According to my information, the accuracy of which I am not able to verify in detail, millions were spent in the Netherlands, in order to protect their very valuable herds through complete destruction of the herds first infected. They have been compelled to abandon this, however, because the measures failed in the end against ever-recurring outbreaks of the disease and because it became impossible to meet the resulting cost. In Prussia we have also tried to stop the spread of the disease through the slaughter of entire herds in which the disease first appeared, as was done, for example, in the Schleswig marshes. But here, just as in the Netherlands, this means brought no lasting success."

Likewise the second means, the strict carrying out of police and veterinary restrictions, while very frequently it has brought good results, has not prevented the spread of the disease. On this account one must turn to science. From it we expect new weapons for the fight against the disease. The bacteriological investigations under Robert Koch's guidance have taught that it is possible successfully to fight human diseases which had previously baffled men. The successful combat was based on a knowledge of the causal agent, and on a study of the nature of its life processes. The valuable hygienic exhibition here in Dresden in 1911 impressed upon the people generally this method of attack. In 1896, scientific investigations were begun on the foot-and-mouth disease for the Empire and for Prussia. At first, as in the case of human disease, the main interest centered in the causal agent. The causal agent is found in sick animals in the vesicles in the mouth, upon the tongue, the hoofs and the udder. With the clear, colorless, or slightly yellow liquid contained in the vesicles the disease was transmitted to susceptible animals. Accordingly the first efforts were directed towards finding the causal agent in this lymph. Numerous investigators using microscopes or culture media revealed organisms in it which were proclaimed as causes of the disease. Some described round and rod shaped forms of various kinds, others regarded some of the smallest living things belonging to the lowest forms of the animal kindom as the causal agents.

It was even claimed that inoculation of susceptible animals with the pure cultures of these forms reproduced this disease. The investigations of Dr. Siegel, a practicing physician of Berlin, have attracted especial attention. At first he designated as the causal agent a bacterium, later an extremely small protozoan form with one recognizable flagellum, calling it cytorrhyctes. More recently he proclaimed cocci which he called cytorrhyctes cocci as the true causal agents. That none of these organisms can be the causal agent of foot-and-mouth disease was shown by a new observation I made in collaboration with Frosch.

When one takes the contents of a fresh vesicle in which, by microscopic examination, or by staining, or by culture methods, no micro-organisms can be demonstrated, and dilutes this lymph with water and then passes it through a filter which holds back the smallest of the known bacteria, if the filtrate retains its complete infectiousness it must accordingly contain the casual agent of the disease. The smallest micro-organisms, as for example, the influenza bacilli, which are from 1-2000 to 1-1000 mm. long, would be completely held back by such a filter. The causal agent of foot-and-mouth disease must therefore be very much



CORRECT CHANGE—A son of Changeling Butter Boy, and Tidy Abbekerk Princess Bettina, one of the seven 30-lb. daughters for Tidy Abbekerk Prince; owned by Jacob Leuszler, Bright, Ont.

smaller. If it were only one-fifth the size of these rods, according to the calculations of Professor Abbe in Jena, its form could not be seen distinctly even with the aid of the best microscopes. The discovery of the filtiability of the casual agent of foot-and-mouth disease has been of the highest scientific significance. It has been demonstrated through later investigations that more than 35 important infectious diseases of animals and man are likewise able to pass through such filters, which hold back the smallest bacteria. Among such diseases are small-pox, rabies, epidemic infantile paralysis, yellow fever, rinderpest, fowl pest, and hog cholera. The causal agents of all these diseases are so extremely small that either they cannot be seen with the strongest magnifications or they appear as tiny little points which it is not possible to distinguish from the numerous little particles always present in all organic substances.

The demonstration of the causal agent of all of these diseases, with the microscope, is therefore out of the question. The demonstration of the presence of the causal agent in any such material can be made only through artificial inoculation. Recently the artificial multiplication of the causal organisms in a number of these diseases has been successfully produced. For example, the causal agent of fowl pest was cultivated in fowl blood, which was smeared over nutrient agar. However, the causal organism grew only when the blood contained fresh, unchanged red blood corpuscles.

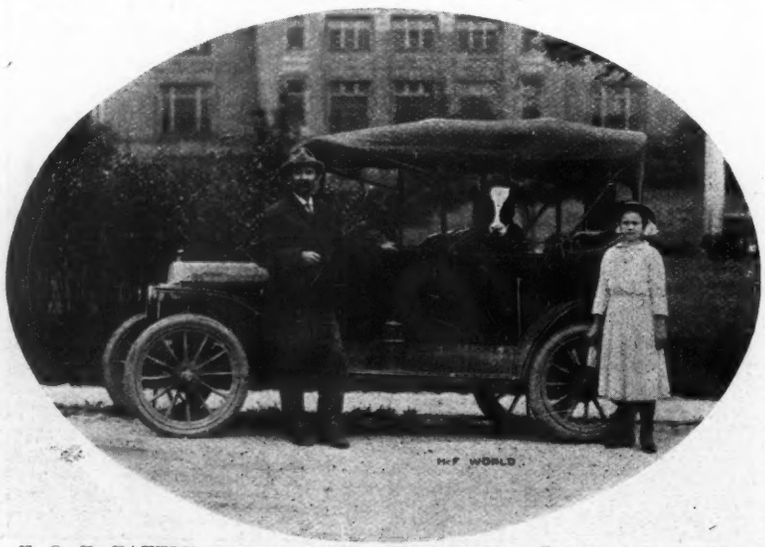
Now Siegel has claimed that out of blood from animals sick with foot-and-mouth disease he has succeeded in cultivating extremely small cocci, which at first grew only upon a substrate containing blood, but later also grew upon nutrient agar. If these little cocci were the cause of foot-and-mouth disease, then the disease could be reproduced artificially by inoculation with them. Siegel asserted further that hogs and cattle inoculated with such cultures had displayed the appearances of the disease. However, the changes which he has observed upon the mucous membranes of the inoculated animals did not have the typical appearance of foot-and-mouth disease. Animals which have recovered from foot-and-mouth disease are immune from reinfection. Animals which had been inoculated with Siegel's cultures, when they were later brought in contact with animals sick with foot-and-mouth disease, acquired that disease. Accordingly they were not immune. Recently a thorough testing of Siegel's cultures was conducted at the Imperial Health Office by Ostertag. A series of sound animals, part of which were pregnant, were injected with the cultures. The animals became ill with evidence of severe fever, but not with typical foot-and-mouth disease. The severity of the infection was shown by the fact that the pregnant animals aborted. After an interval of three weeks, the time required for the appearance of immunity, this entire group of animals was infected with lymph from fresh vesicles. This lymph was without effect on animals which had gone through foot-and-mouth disease and had thereby become immune. The entire group of animals previously treated with the Siegel cultures became just as promptly and typically ill with foot-and-mouth disease as did the control animals which had received no previous treatment. The cocci or cytorrhyctes cultivated by Siegel are therefore not the cause of foot-and-mouth disease.

The question as to whether the virus of foot-and-mouth disease can be cultivated is as yet unsolved.

The causal agent has not been found. It does not make any essential difference whether the causal agent is recognizable or not. It is, however, important that opportunities for studying its vital properties are at hand. We are in a position to fight a large number of diseases with good results without seeing the causal organism, because we have been able to investigate the action of such unseen causal organisms.

From the abundant store of our knowledge of the behavior of the causal agent, a few of the more striking facts may be given briefly. It has been ascertained that the virus is discharged from the sick animal wherever vesicles appear. It is not thrown off in the feces or in the urine. However, it occurs in the milk of sick cows. It can be transferred to animals by feeding the virus and also by rubbing the virus into the wounded mucous membrane of the mouth. It is transmitted with difficulty through simple inoculation into the skin and is transmitted only by infection under the skin when very virulent. It is easily transmitted by direct infection into the blood and into the muscles. Natural infection occurs almost exclusively through the mouth. In the stable the transfer from the sick animals to the healthy ones occurs either through the food which is soiled with the content of the vesicles, or by minute particles sprayed into the air by the smacking of the lips of the sick animal and then taken in through the mouth by the sound animal. The transfer to distant herds is accomplished as a rule by fine particles of infectious material adhering to the persons, animals, or implements which came in contact with the liquid thrown off from the vesicles.

After recovering from the disease a few animals, more especially young individuals, harbor living and virulent disease germs for a considerable time upon the mucous membrane of the mouth. From such carriers the causal agent may be transmitted to susceptible animals by close contact, as for example by licking. As a general rule, the infectious agent disappears with the healing of the vesicle. Exposure to drying twenty-four hours at summer temperature destroys the infection. Kept cool, dark, and in moist condition, it remains alive as a rule several weeks, ocasionally for months. It withstands strong applications of carbolic acid, up to one per cent without being damaged by contact for



F. O. B. BATTLE CREEK, MICH.—T. W. Sprague, President of the Wolverine Stock Farm Co., delivering Wolverine King Colantha, a son of King of the Black & Whites and Alice Coin Pietertje 2d, a 21-lb. 3-yr-old daughter of King Colantha Clothilde and a 28.96-lb. 4-yr-old. The calf was purchased by W. R. Harper, Middleville, Mich.

some weeks. However, it is readily destroyed by the application of five per cent to six per cent carbolic acid or lysol, four per cent formalin, O. I. per cent of corrosive sublimate, one per cent sulphuric or phosphoric acids, by chlorid of lime and so forth. It is destroyed by heating up to 80 degrees Centigrade (176 degrees F.) or by a temperature of 60 degrees (140 degrees F.) maintained five minutes. Milk, therefore, can be freed from it by simply pasteurizing it at 80 degrees C. Its destruction is easily accomplished in manure into which it may have been introduced from the vesicles if the manure is packed according to the following instructions: The infected manure is covered with a layer of uninfected horse manure or of straw and this covered with a four-inch layer of earth. In a few days a temperature of over 60 degrees C. will have been attained.

It is rare that with us adult animals die from foot-and-mouth disease, but the mortality among young animals, calves, pigs and lambs is high. In pigs there occur pronounced changes in the heart muscle, in which appear small, light yellow stripes or spots. A severe form of foot-and-mouth disease of cattle prevails at times, in which a higher per cent, even up to fifty per cent, of the adult sick animals die. In these animals also similar severe heart changes may be observed.

After animals recover from the disease they are immune; that is, for a period amounting to a number of years they do not contract the disease if exposed to a new infection. Only rarely animals contract the disease a second time if exposed to it a few months after the first sickness. The immunity of an animal which has recovered from an attack depends upon products which are formed in its tissues and which render the infection harmless. These substances can be demonstrated in the blood of such an animal by injecting into a healthy animal a mixture containing enough virulent lymph to certainly produce disease and a certain amount of the blood serum or liquid squeezed out from the clotted blood of an immune animal. The dose of lymph can be standardized so as just to make an animal sick. There is a lymph which will do this when 1-100,000 c. c. is injected into the blood. As a rule it requires 1-20,000 c. c. to accomplish this. The animal injected as mentioned above with a mixture of lymph and blood serum of an immune animal does not become ill because the antibodies contained in the blood serum make the virus ineffective. The amount of antibodies present in the serum of immune animals is quite variable. Ordinarily is present in only moderate amounts. Since the presence of the antibodies was experimentally demonstrated in the serum of animals which had recovered from the disease, many attempts have been made to influence favorably the course of the disease in animals recently attacked or to protect animals threatened by infection by injecting serum of immune animals. These investigations have not led to promising results because the quantity of the antibodies in the serum of the recovered animals was too small. But it has been found that it is possible to obtain an increased formation of these protective substances in the recovered and immune animals by injecting into them at different intervals very large doses, up to 100 c. c. of very highly virulent lymph. The sudden flooding of the animal system with this large amount of virus stimulates the tissues of the animal, which already were accustomed to produce antibodies, into greater production of these bodies so that in the blood of such an animal a large quantity of them accumulates. In a relatively small amount of the blood serum from such an animal enough of these bodies are present to protect the exposed animals against infection. The animals which are injected with such serum become immune. This is called passive immunity, because antibodies produced by another animal are injected into the animal, while in active immunity the animal builds its own protective bodies in reacting against the agent of the disease. In order to prepare such serum the Prussian Minister of Agriculture established an institution on the island of Riems. Here the recovered animals, the yellow oxen from Baravia being the best for that purpose, are injected with increasing doses of the lymph. The lymph is obtained from the vesicles that develop on the snout and on the hoofs of a special race of swine after an artificial inoculation. About eight or ten days after the lymph has been injected into the oxen, some of their blood is withdrawn and the serum from this blood is tested as to the amount of the protective bodies. For this test young animals are used which weigh from 500 to 600 pounds. Through repeated experiments it has been found that when 100 c. c. of this serum is injected into such a young animal and twenty-four hours later 1-10 c. c. of fresh and virulent lymph is injected into its blood and the animal does not get the disease, such serum is then suitable for protective and curative uses. A very small dose of the serum, 20 to 20 c. c., will protect cattle against natural infection, which, as already explained, is ordinarily produced by very small amounts of infective material. But such small doses of the serum are not able to protect the animal against heavy infection, such as the animal may be exposed to when standing close to a sick animal. In these cases, however, the animal may be protected if a large dose of the protecting serum, about 100 to 200 c. c. and in very large animals, even more, is injected. Moreover, the typical eruptions of the disease can be prevented by such large doses of the serum in animals which have been infected and as yet are not visibly sick and in whose bodies the infectious agent is still multiplying.

(Continued in issue of Sept. 25.)

JESSIE FOBES 5th's HELENA BURKE—Butter 10 years, 27.05; semi-official record, 327 days, 701.73; milk, 16762.80. 3 A. R. O. daughters, one 26-lb. at 3-yr. A daughter of De Kol Burke. Owned by the Munroe Company, Spokane, Wash.

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Science to the Rescue

It has been urged by some that the public be allowed to forget the foot-and-mouth disease. We believe rather that instead of forgetting it, we should cease worrying about it. One of the chief causes of worry concerning the disease is its uncertainty. Even the men in authority themselves have been more or less uncertain, and the result has been, to say the least, disastrous. During the past eleven months much has been said and written concerning the disease—a part for the purpose of whitewashing the men responsible for the spread of the trouble, and a part really designed to inform the public of facts they should know. In all this mass of conflicting testimony it has been extremely difficult to separate the truth from the other kind of statements and the result has been confusion, and a general lack of accurate knowledge concerning the fundamentals of the disease. In view of these facts we are especially pleased at being able to present in this issue of the World a lecture by Professor Loeffler of Greiswald, Germany, recognized as one of the greatest and best informed authorities on the continent. This lecture was delivered less than two years ago and embodies the latest conclusions of German Imperial and Prussian work on the disease. The Quarterly Bulletin of the Chicago Veterinary College (of which Joseph Hughes, in charge of the Dairy Show cattle, is President) makes the following comment on the lecture in question, which they publish in full:

"We urge those who wish to clear their minds, and to get away from false doctrines regarding the infection, to read every word of it carefully. If they do, they will be surprised to find how much false teaching there is abroad on this continent, on the disease; and if they are candid, they will admit the high probability of error. We have never had such a wide devastation by this European scourge before, and it is high time that we discard error about it and change to the truth.

"Loeffler makes definite, categorical statements on the truths that have been learned on the European continent, where, if anywhere, this disease ought to be known. We find him telling us that, when animals have passed through the disease in its regular infective course, they are immune to another attack. We find him saying that the only source of infection is from the discharge from the vesicular eruptions, the saliva and the milk; that the urine and feces of the affected animals are not infective; that when a herd has passed through the disease, and disinfection has been complete in the quarters occupied by the animals, immunized by natural infection, other cloven-footed animals may mingle with them with impunity. Loeffler also relates the experiences in Germany and Holland with the plan of killing infected herds and disinfecting the premises, and he tells why the plan had to be given up in Germany and the Netherlands.

To those who have studied German authorities piece-meal; or who have accepted the nubbins of foreign quotation that have sometimes been dished up to us as the full European continental teaching on the disease; or rather as enunciations of the most recent experiences of Europeans on the continent with the disease. Loeffler's lecture will be a revelation, for in it he is not so much giving his opinion as that of the Imperial German Health Office and the Special Prussian Commission for the Investigation of Foot-and-Mouth Disease. The Germans have given up killing cattle for foot-and-mouth disease and have taken to the manufacture of a serum for prevention of the disease. The latter, though potent, is costly, and Professor Loeffler frankly points out its defects. Loeffler has been misquoted and partially quoted where certain of his statements coincided with the ideas of American publicists. In this lecture we have spread out the whole truth, and it makes delectable reading for some; whilst we doubt not, others may find it will not suit their palates, not because it is not good for them, but because of the truth it contains."

Professor Loeffler is very profuse in his illustrations, backing up every assertion he makes. On account of a lack of space, in a few instances we have omitted a part of these illustrations. Except for these few omissions, which in no way affect the main text, we are presenting in this issue the lecture in its original form. We commend it to the careful study of World readers.

The Fall Outlook

The first big sales of the fall sale season have now passed into the realm of history. The New York State Breeders Sale and the Madison-Chenango Sale were both eminently satisfactory to practically everyone concerned. In the former a large proportion of young animals helped keep the average below normal, while in both sales it was again demonstrated that the public sale ring is not an advantageous place to market bull calves of ordinary quality. No western buyers were present at either sale (except one Michigan firm at Syracuse).

These sales proved then that the demand for good Holsteins in the East is still strong—in spite of the great number of sales scheduled for the next few months, which might be construed to mean that everybody wants to sell. One hundred one buyers handled the upwards of three hundred head consigned to these two sales. When conditions in the Middle West become sufficiently settled to restore the confidence of the western buyer, then, we believe, prices will return to the normal of the past few years.

The restocking of devastated Europe after the war, is bound to make a demand for Holsteins hitherto unequalled. It appears, therefore, that now, when the market is at its lowest, is the psychological moment to get in shape to supply that demand.

OUR COVER ILLUSTRATION

The beautiful Holstein head shown on our front cover this week belongs to Fairmont Aaggie Topsy, a 30-lb. 4-yr.-old daughter of Pledge Spofford Calamity Paul. She is owned, and was developed by Oliver Cabana, Jr., Elma Center, N. Y.

THE VANCOUVER EXHIBITION

All four breds of dairy cattle were well represented at the Vancouver exhibition this year, says Farm and Dairy. The most regrettable feature in most sections was the lack of competition. The exhibits were good but the entries were too often monopolized

by one man. This was as true of the sheep and swine classes as of the dairy sections.

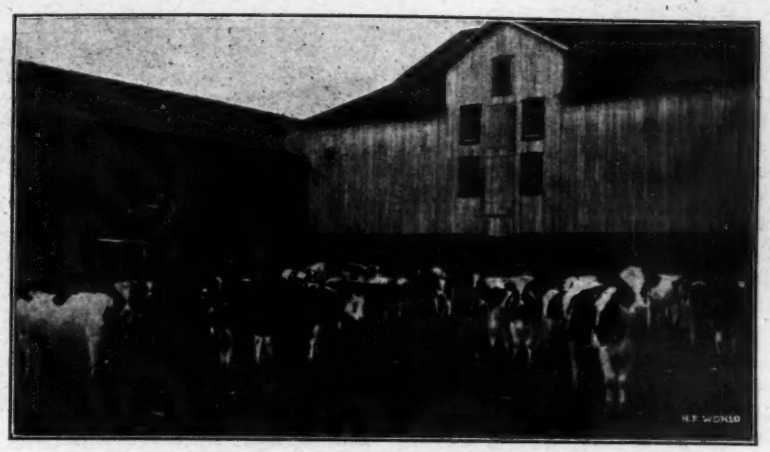
The feature of the Holstein exhibit was the splendid herd of Basil Gardon of Dewdney. Competing with all dairy breeds. Mr. Gardon's cattle carried off the British Columbia Dairymen's champion junior herd award and won in the 48-hour milk and butter test, getting first, second and fourth places, Dr. Knight, of Chilliwack, being in third and fifth places with Guernseys.

A QUERY AS TO BREEDING.

H. L. C., Millerton, N. Y.: I have a bull by Golden Butter King. Dam, Brava De Kol, 10.97 lb. butter at 1 yr., 11 mo. I also have Woodcrest Johanna Prescott. Have bred him two years. Shall I breed him to his daughters or use the Butter King bull? Do not want to keep two bulls.

(Editorial Reply)

Replying to your inquiry—On general principles it would be preferable to breed the daughters of Woodcrest Johanna Prescott to the Butter King bull as inbreeding is dangerous except under the most favorable conditions, and in skilled hands. This opinion presupposes equal individuality in the two bulls and no serious defects in the offspring of the Woodcrest bull which are also present in the Butter King bull. If Woodcrest Johanna Prescott is the better individual of the two and his offspring have no characteristic weaknesses, we believe you would secure better results by breeding his daughters back to him. No general rule can be made to cover all cases. Successful breeding requires careful study of each individual case.



A Few of the Heifers Owned by W. H. Hicks, West Chester, Pa.

A Journey to Southeastern Pennsylvania

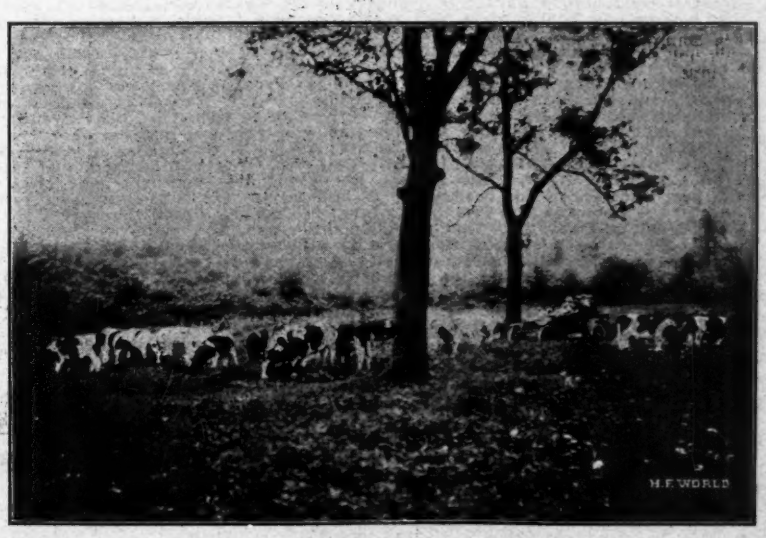
By E. M. HASTINGS

FROM Philadelphia to West Chester is a short hour's journey by trolley or steam railway, and even less by automobile, for a well-graded, smooth-surfaced pike connects the two, making the drive a pleasant one at all seasons of the year. Along this highway are farms that were well tilled and old stone houses that were the pride of their colonial owners before the Columbia River was discovered by white people. Following the customs of the Old World, the early settlers built for permanence, and employed cobbles in the construction of barns as well as houses. Stone is durable; nevertheless time has wrought remarkable changes in the appearance of some of these structures. Not many years ago an abandoned stone house afforded forlorn company for the other dilapidated buildings that occupied a site originally selected because of its attractiveness, but long since neglected and left to become a forbidding tangle of weeds and bushes. In the old house, window panes were broken; the porch was falling down and doors were off their hinges. Last year, when I first visited the farm, the old mansion was undergoing a wonderful transformation.

Now, rebuilt and modernized, equipped with electric lights, its spacious fireplaces supplemented by a hot-water heating system and its front made inviting by a concrete porch a dozen feet in depth, the place is fit for a prince. It is, therefore, quite appropriate that a royally good family should own and occupy it, a family of Friends, formerly consisting of eight sons and two daughters, one of the latter still a little girl and the other who lived to attain full-grown womanhood, the only member of the household yet called to the home beyond. One of the sons holds a responsible position traveling for a well-known milking-machine concern. Another son, lately married, occupies the homestead on an adjoining farm—where formerly the family resided and where the children were all born and reared.

But let me introduce the reader to this estimable group—Mr. W. H. Hicks, middle-aged, rather spare of build, mild-mannered, kindly of voice and with a personality that inspires confidence; Mrs. Hicks, plump of figure, bright-eyed, youthful—the energetic and happy mother of a happy family; and then the children, well-born, attractive-featured, healthy and with manners that testify to the virtues of the Quaker household.

"Glad to see thee," said Mr. Hicks,



A Part of the W. H. Hicks Herd.

meeting me at the railway depot; and to my "How have you been?" he answered, "Right good, and has thy health been good?" The quaint vernacular of the sect was manifest in the conversation of the father and mother though not in that of the younger members of the family. It has a charm which is not the least of the interesting features in a journey amid surroundings suggestive of colonial days. Partaking of the hospitality of the Hicks household, I was quite convinced that West Chester could not be far removed from the "City of Brotherly Love." If the Hicks family is typical of the population of that district, Philadelphia is rightly named.

Of course, W. H. Hicks is of interest to readers of the World, mainly because of the splendid herd of Holsteins that he has been developing for the past ten or twelve years. When I first saw these cattle a year ago, I decided that I had made a valuable discovery, because of the uniform individual excellence of the herd, consisting almost entirely of animals bred and reared on the farm. When I saw them again a few days ago, I found, as I had expected, that the youngsters of last year are developing into first-class individuals. In one pasture we inspected a beautiful group of yearling

SIR HENGERVELD ORMSBY—At the head of the W. H. Hicks Herd.

and two-year-old heifers—well grown, straight and square, handsomely marked, and presenting every appearance of quality. Among them were a number of the daughters of the herd sire, Sir Hengerveld Ormsby, brother to the World's Record Finderne Holingen Fayne and a long list of other phenomenal producers. The dam of this finely bred sire made, during the past year, a record of nearly 28 lb. butter in 7 days; and she is a sister to the 32.99-lb. 4-yr.-old, Valdessa Ormsby De Kol. In the Hicks herd at the present time are twenty-five or more daughters and sons of this bull. Individually he is a show animal, and much better than he appears in the picture, which was taken "under unfavorable conditions."

Mr. Hicks has showed with considerable success at local fairs, and the herd has attained a reputation that attracts more than local attention. On the occasion of my visit at the farm, it was my privilege to renew acquaintance with breeders who were there from Maryland, and also to meet some of the business men of a Pennsylvania town who came to inspect the cattle—which are well worth traveling a long journey to see.

Lacona, N. Y., Sept. 7, 1915.

The World is in receipt of a very attractive folder from Dr. B. B. Davis, Omaha, Neb., descriptive of his herd sires, King Segis Lyons 87148, and Rag Apple Korndyke Boon 123847, and a number of bull calves by them which he is offering for sale. It is illustrated with photographs of the two sires, and of nine of the calves. They are an attractive lot.

ANOTHER RECORD BROKEN

I am pleased to be able to report that the cow Aaggie Segis 160921 has broken the record for fat production in the senior three-year class of the

$650 BUYS
Dutchland Creamelle Sir Change
87 1-2 PER CENT

THE SAME BLOOD AS DUTCHLAND CREAMELLE CHANGELING LAD WHICH WE RECENTLY SOLD FOR $5,000 TO DR. CHRISTOPHER GRAHAM OF ROCHESTER, MIMN.

His Sire: Dutchland Creamelle Korndyke Lad, the bull that has the greatest **yearly backing** for milk and butter of any bull in service today—sired by **Dutchland Sir Pontiac Rag Apple**—the best bred son of **Pontiac Korndyke** from the **greatest producing** daughter of **Hengerveld De Kol** and on the dam's side **six of Dutchland Creamelle Korndyke Lad's dams** now hold or have held **World's records** in their respective classes.
His Dam: Dutchland Colantha Lady Change—individually one of the **finest** daughters of **Colantha Johanna Lad** (the only bull living having **10** daughters that average **30 lb.** of butter from **600 lb.** of milk). **Dutchland Colantha Lady Change** made with last calving as a four-year-old, **27.38 lb. of** butter from **498.6 lb.** of milk in the 7 days and **111.78 lb.** of butter from **2170 lb.** of milk in the 30 days. From this you will observe that she carried over **4 per cent** fat for the entire 30 days and as she had no special preparation for test, we have every reason to believe that this heifer will materially increase her record for several years to come and that eventually she will be one of the very **largest** record daughters of **Colantha Johanna Lad. Her dam was a 27-lb.** daughter of **First Change** which was a full sister to **Ready Change,** and one of the best daughters of **Changeling** and **Pontiac Butter Boy.**

DUTCHLAND CREAMELLE SIR CHANGE was born in December 1914—**is especially well grown** and a **faultless individual.** He has a good top line, splendid depth of body, with **unusual** vein development and is one of the **best handlers** of our entire crop of bull calves. He is four-fifths or more white and has a combination of blood lines of the **Colantha** and **Changeling** families that has already proven itself not only in the dam of this bull we are offering but in **Dutchland Changeling Colantha Lad,** who made the **world's record** as a three-year-old—which leads us to believe that this blood in connection with another cross of **Colantha Johanna Lad** and **the great Creamelle family** should prove one of the best combinations we have ever offered.

Do you realize that the purchase of this bull would place in your herd the blood lines of **Pontiac Korndyke, Hengerveld De Kol, Colantha Johanna Lad** (a double cross), **Sadie Vale, Pietertje Hengerveld's Count De Kol** and the great **Creamelle** and **Changeling families?** THESE ARE THE FAMILIES THAT HAVE BROUGHT SUCCESS TO OUR MOST PROSPEROUS BREEDERS AND YOUR FUTURE SUCCESS AS A BREEDER DEPENDS LARGELY UPON THE BULL YOU SELECT. Write or wire us at once to reserve this bull for you as he will doubtless be sold in the near future.

FRED F. FIELD HOLSTEIN CO.
Dutchland Farms

Montello Sta. **Brockton, Mass**

division covering tests begun not less than 240 days from freshening by producing in seven consecutive days 15.416 lbs. fat from 407.8 lbs. milk. She freshened at the age of 3 years, 7 months, 18 days, and began her test 247 days from freshening. Her prior record, begun 76 days from freshening, is 16.761 lbs. fat from 465.8 lbs. milk. Her sire is Winana King Segis 46696; her dam is Aaggie Pauline Sarcastic 86737. She was bred and is now owned by Mr. E. C. Brill, Stewartsville, N. J. In the senior three-year-class of the "eight months division" she displaces Katie Pietertje Paul 5th 160885, whose record, begun 245 days from freshening, is 14.105 lbs. fat from 425.6 lbs. milk.

MALCOLM H. GARDNER,
Supt. A. R.

Delavan, Wis., Sept. 1, 1915.

The Fourth Sale of The New York State Breeders Sale Company.

One hundred forty-seven head for an average price of $262.62, making a total of $38,605, tells in plain figures story of the fourth sale of the New York State Breeders Sale Co. The leading feature of the sale was the dispersal of the Hilldale Herd, the 78 head of all ages bringing a total of $21,565, an average of $276.47. As in many public sales young bull calves seemed to be in little demand. Eliminating a few of these youngsters, and the average for 125 head is exactly $300, and for the Stanton herd 63 head would average $332.14. The high price of the sale was $1220 for a young son of King Lyons out of a 31-lb. 4-yr.-old daughter of King Segis. The second dam was a 27-lb. daughter of a 28-lb. cow. This calf was from the Hilldale Herd, and purchased by H. A. Moyer, Syracuse, N. Y.

Second honors went to K. P. Clothilde Abbekerk, a daughter of King of the Pontiacs, from a 31.8-lb. daughter of Korndyke Abbekerk. H. M. Dunham, Marcellus, N. Y., paid $1100.00 for her. She was consigned by Harry B. Davis.

24 animals in the sale brought over $400 each. The crowd was not nearly as large as at Earlville the two preceding days, but consisted of a much larger proportion of buyers.

Following is a detailed report of each consignment, giving names and prices of all animals selling for $300 or more, with names and addresses of purchasers:

Consigned by C. F. Hunt, Oran, N. Y.: Galis De Haan Walker, 2 yr. 8 mo., M. C. Rumsey, Batavia, N. Y., $355; Pauline De Kol Lennox 2d, 2 yr. 2 mo., C. L. Amos, Syracuse, N. Y., $405; Sadie Walker Segis, 2 yr., M. C. Rumsey, Batavia, N. Y., $310; Segis Rose Walker, 2 yr. 2 mo., C. L. Amos, Syracuse, N. Y., $355; 25 animals brought $5,325; average $213.

Male, 4 mo. old, consigned by Mrs. G. M. Lewis, Oran, N. Y., brought $40.

Consigned by Smith Bros., De Ruyter, N. Y., Lake Lawn Johanna Pietje, 3 yr., H. D. Fox, Cazenovia, N. Y., $355; 20 animals brought $3,850; average, $192.50.

Consigned by Harry B. Davis, Chester, N. Y.; Blacres Pontiac Korndyke Lass, 6 mo., Stevens Bros., Liverpool, N. Y., $750; Bonalevo Betty Segis Burke, 5 yr., Frank C. Berning, Schenectady, N. Y., $330; Duchess Inka Pontiac 2 yr., J. L. Kerr, Warner, N. H., $475; K. P. Clothilde Abbekerk, 1 yr. 7 mo., H. M. Dunham, Marcellus, N. Y., $1,100; Roxie Ormsby Korndyke 2d, 3 yr., G. A. Abbott, Cortland, N. Y., $300; 9 animals brought $3880; average, $431.11.

Four animals consigned by Henry Stevens & Son, Lacona, N. Y., brought $1050; average $262.50.

Two animals consigned by Geo. T. Hubble, Warner, N. Y., brought $365; average, $182.50.

Consigned by J. A. Stanton & Son, New Woodstock, N. Y.: Belle of Shady Nook, 6 yr., Reed & Knowles, Howell, Mich., $325; De Kol Burke Netherland 2d, 5 yr., F. P. Knowles, Auburn, Mass., $535; Female, 9 mo., Fairview Farm, Fayetteville, N. Y., $530; Female, 3 mo., Stevens Bros., Liverpool, N. Y., $690; Female, 4 mo., Dutchess Farm, Stormville, N. Y., $300; Female, 9 mo., Harry B. Davis, Chester, N. Y., $300; Fairview Irene Korndyke 2d, 7 yr., Fairview Farm, Fayetteville, N. Y., $430; Hilldale Concordia Segis, 2½ yr., C. L. Amos, Syracuse, N. Y.,$305; Hilldale Ideal Segis Pontiac, 2 yr., Dutchess Farms, Stormville, N. Y., $320; Hilldale Irene Korndyke, 1½ yr., Fairview Farm, Fayetteville, N. Y., $350; Hilldale Johanna De Kol Van Beers, 1½ yr., C. S. Fairchild, Cazenovia, N. Y., $500; Hilldale Lorie Korndyke Segis, 3½ yr., M. C. Rumsey, Batavia, N. Y., $300; Hilldale Pauline Beets Catrina, 2½ yr., Fairview Farms, Fayetteville, N. Y., $480; Hilldale Rosa Inka Segis, 3½ yr., Hugh J. Davis, Broadalbin, N. Y., $605; Hilldale Rosa Segis Pontiac, 1½ yr., Stevens Bros., Co., Liverpool, N. Y., $600; Hilldale Segis De Kol Pontiac, 2½ yr., M. C. Rumsey, Batavia, N. Y., $365; Hilldale Segis De Kol 2d, 6½ yr., H. A. Moyer, Syracuse, N. Y. $435; Ideal Segis Beets, 6 yr., Dutchess Farms, Stormville, N. Y., $450; Neah Zozo Korndyke, 2 yr., Roscoe Lee, Cazenovia, N. Y., $495; Nellie Ann Segis Beets, 3½ yr., M. C. Rumsey, Batavia, N. Y., $365; Princess Castine Tirania 3d, 3½ yr., J. A. Stanton, New Woodstock, N. Y., $495; Princess Korndyke Topsy Paul 2d, 4 yr.,

THINK IT OVER

THE TABULATED PEDIGREE (4 generations) of EVERY 30-lb. COW LIVING OR DEAD, as shown by Volume 25 of the Blue Book.

PHOTOGRAPHIC REPRODUCTIONS of SIX HUNDRED of the GREATEST SIRES, and COWS of the Holstein Breed.

PHOTOGRAPHIC REPRODUCTIONS of the Century Sires, barring one.

A HISTORY OF THE BREED, written by Mr. Frederick L. Houghton.

The NAME, and RECORD of the 30-lb. Cows whose records have been made since Volume 25 of the Blue Book was published. The NAME and RECORD of the CHAMPIONS IN ALL DIVISIONS.

These are some of the things that you get in that great book

Holstein-Friesian Aristocracy

THINK of what this information is worth to you. There's NO OTHER publication, in which this information can be had. It SHOWS YOU HOW the 30-lb. cows have been bred. HOW the GREATEST COWS, and GREATEST SIRES ACTUALLY LOOK. It is a POSITIVE AUTHORITY on TYPE and BLOOD LINES. It is INDISPENSIBLE if you are a PROGRESSIVE BREEDER. If you're NOT, DON'T get it. It is NOW READY. YOUR copy is waiting your order for it. The price is $5.00 per copy. It contains approximately 250 pages, size 12 by 18 inches, beautifully bound, and printed on heavy paper. It's a HOLSTEIN-FRIESIAN ENCYCLOPEDIA, and of GREAT VALUE to YOU. If NOT JUST as represented, it may be returned to us, and "YOUR MONEY BACK." Make your remittance by money order or check, and as a suggestion, DO IT TODAY.

THE HARRINGTON PUBLISHING CO.

Main St. ALEXANDER, N. Y.

Lacona Breeders

Hastings & Prescott—½-page ad.
Henry Stevens & Son—Back cover.

WHEAT HILL HERD

30 Holsteins of Quality. Herd headed by Pleasant Hill Pontiac Veeman Wayne. His 3 nearest dams and 3 100 per cent sisters to his dam average (for the six) 30.24 lb. He was by Sir Korndyke Pontiac Artis and from Queen Veeman Wayne (29.27 lb. at 4½ yr.), whose sire, Sir Veeman Hengerveld, now has seven 30-lb. daughters.

W. J. Snyder, Lacona, N. Y.

Spring Farm King Pontiac 13th

Heads our herd. He was by the best son of King of the Pontiacs, and from one of the best daughters of the best son of Hengerveld De Kol. He has better than a 31-lb. average for his two nearest dams. We have two daughters of the $15,000 bull, and several cows in calf to him. Also some bred to Spring Farm King Pontiac 6th. 30 head to select from.

Colvin & Deshane, Richland, N. Y.

A GOOD PROSPECT IN A BULL

Sire—By a strongly bred Woodcrest bull and from a 28-lb. daughter of Sir Woodcrest Korndyke Kate De Kol.

Dam—With a 25-months old record of 11.71 lb., by the 27-lb. sire, Lord Korndyke 2d, and from an 18-lb. 4-yr-old daughter of a 20-lb. cow. Both dam and grandam are among the most promising members of our herd. Here is a chance to get a good bull at a very reasonable price. He is more white than black, was born May 27, 1915, and is a dandy. Send for complete information. A. T. Blount, Pine Ridge Herd, Lacona, N. Y.

SETTLED THE BULL QUESTION ?

We offer one born July 10, 1914, ready for immediate service. ¾ white, a splendid individual, well grown.

Sire—Woodbine Pontiac Hengerveld, who was by a 31-lb. son of King of the Pontiacs, and from a 28-lb. 3-yr-old daughter of King Segis Pontiac. Showed at 12 fairs, winning 10 firsts and 2 seconds.

Dam—A 20-lb. cow that sold in public sale for $330. A sure 25-lb. cow. Will guarantee this bull to please or he may be returned at my expense.

Write for details.

LEON MORE Lacona, N. Y.

A PAIR OF CALVES

Bull and heifer, unrelated. Both born Apr. 1915—both light in color. Bull is by Albina Butter Boy, 29-lb. son of De Kol 2d's Butter Boy 3d, and Junior Champion at N. Y. State Fair. Heifer by Lord Korndyke 2d, whose 20 nearest tested dams average over 25 lb. Price for the pair, $125.00. A great chance for a beginner. Write for complete information. D. J. Hollis, Homestead Farm, Lacona, N. Y.

A Pontiac-Woodcrest Combination—Sire, by King Pontiac Artis (31-lb. son of King of the Pontiacs) and from a granddaughter of Prilly. Dam, a 19-lb. 4-yr-old that averaged over 60 lb. milk per day for 5 mo. Due this fall and slated for a big increase. Her dam is a 25-lb. cow with a good semi-official record, and her sire is Woodcrest Aaggie Jewel Son, a great sire from a former World's record dam. Here is a beautiful individual, born Nov. 5, 1914. Send for pedigree and complete information. Price is too low to publish. H. A. Prescott, Bellevue Herd, Lacona, N. Y.

LACONA HERD

Headed by Sir Pontiac Artis Veeman, No. 75089 who was by the 31-lb. sire, Sir Korndyke Pontiac Artis and from Florence Veeman Wayne, a 31-lb. daughter of Sir Veeman Hengerveld (7 30-lb. daughters)—a combination of proven worth.

40 head to choose from. Young cows and heifers in calf to Sir Pontiac Artis Veeman.

B. E. MEAD EST., Lacona, N. Y.

COW-MAN WANTED

A single man with experience in caring for cattle, making records and breeding calves. A good position for the right man. Address your replies, with full information to

P. V. F., care H.-F. World, Lacona, N.Y.

Stevens Bros., Liverpool, N. Y., $710; Princess Segis Beets, 3 yr., Irving Lee, New Woodstock, N. Y., $325; Segis Fay Hengerveld, 5 yr., C. L. Amos, Syracuse, N. Y., $375; Segis Korndyke Plum, 2 yr., G. G. Burlingame, Cazenovia, N. Y., $300; Segis Plum Korndyke, 2 yr., G. G. Burlingame, Cazenovia, N. Y., $300; Star Girl Boon Veeman, 5½ yr., Quentin McAdam, Utica, N. Y., $330; Friend Pontiac Beets Korndyke, 1½ yr., H. D. Costello, Syracuse, N. Y., $400; Male, 7 mo., W. W. Wilcox, Manlius, N. Y., $450; Male, 7 mo., H. A. Moyer, Syracuse, N. Y., $1220; Male, 7 mo., H. A. Moyer, Syracuse, N. Y., $760; Male, 8 mo., R. E. Davis, Mexico, N. Y., $610. 78 animals brought $21,565; average, $276.47.

Consigned by G. A. Abbott, Cortland, N. Y.: Female, 2 mo., H. M. Dunham, Marcellus, N. Y., $495; Josephine Mechthilde Pontiac, 4 yr., Frank C. Berning, Schenectady, N. Y., $500; Korndyke Alma Clothilde, 3 yr., P. J. Wadsworth, McGraw, N. Y., $340. 7 animals brought $2305; average, $329.29.

REPORT OF THE TIOGA COUNTY BREEDERS' SALE, AT WELLSBORO, PA., AUGUST 25.

This sale was managed by the Liverpool Sale & Pedigree Co., to whom we are indebted for our report of the prices paid. The 4-yr-old heifer, Preble Pietje Koningen Lyons, consigned by J. Focht & Son, topped the sale at $350, being purchased by H. C. Reinhold, E. Petersburg, Pa.

Following is a list of the consignors with the names of purchasers of all animals bringing $200 or more.

Consigned by J. Focht & Son, Wellsboro, Pa.: De Kol Colanthus Burke, H. C. Reinhold, E. Petersburg, Pa., $300; Dora De Kol Beets Segis, S. H. Ridge, Covington, Pa., $325; Etta De Kol Boroness Pauline 5th, York & Few, Troy, Pa., $320; Fochtland Colanthus Beets Ormsby, E. D. & R. H. Stull, Elkland, Pa., $305; Fochtland Ida Hengerveld, E. D. & R. H. Stull, Elkland, Pa., $205; Fochtland Netherlands Beets Ormsby, E. D. & R. H. Stull, Elkland, Pa., $205; Fochtland Queen Segis, H. C. Reinhold, E. Petersburg, Pa., $220; Imperial Mercedes De Kol Segis, H. C. Reinhold, E. Petersburg, Pa., $335; Japonica Netherland 2d, E. D. & R. H. Stull, Elkland, Pa., $330; Lady Segis Hartog 2d, $305; Netherland Segis De Kol, H. C. Reinhold, E. Petersburg, Pa., $300; Preble Lyons De Kol, S. H. Ridge, Covington, Pa., $325; Preble Pietje Koningen Lyons, H. C. Heinhold, E. Petersburg, Pa., $350. 18 animals brought $4,570; average, $253.89.

Consigned by H. D. Patterson, Wellsboro, Pa.: Aaggie Buckeye Spofford, W. L. Vaughn, Mansfield, Pa., $275; Bessie Veeman De Kol 2d, W. L. Vaughn, Mansfield, Pa., $295; Calamity Johanna Lyons, W. L. Drew, Wellsboro, Pa., $300; Helena Ord Jewel 3d, W. W. Stevens, Liverpool, N. Y., $270; Irene Butter Boy Pontiac, W. L. Vaughn, Mansfield, Pa., $280; Johanna Inka Korndyke, W. L. Vaughn, Mansfield, Pa., $275; Lieuwkje Spofford Calamity, W. L. Vaughn, Mansfield, Pa., $250; Sindt Korndyke Johanna, W. L. Vaughn, Mansfield, Pa., $295. 20 animals brought $4,170; average, $203.50.

One animal consigned by Hugh J. Davies, Mansfield, Pa., brought $45.

Consigned by W. A. Spencer, Mansfield, Pa., Alice Mercedes Countess, York & Few, Troy, Pa., $280; Sis Burke Frazier, York & Few, Troy, Pa., $200. 3 animals brought $540; average, $180.

20—HOLSTEIN BULLS—20

Rich in the blood of Pontiac Korndyke, Colantha 4th's Johanna, De Kol 2d and Hengerveld De Kol the best of the breed.

One whose dam and grandam both have records of over 31 lbs., 7 days, one son of Pontiac Korndyke. Also a few cows, bred to a son of Pontiac Korndyke.

WM. N. OSBORN
Box 700 Wanatah, Ind.

Sherburne Breeders

Henry Lathrop & Sons—½ page ad.

NEWTON FARMS

The home of King Veeman De Kol No. 36819. 55 A. R. O. daughters. His six best daughters average 30 lb.. Bull calves for sale from A. R. O. dams. Send for pedigrees.

R. P. KUTSCHBACH & SON
Sherburne, N. Y.

BELLEMORE STOCK FARM

Herd headed by King Pontiac Hilldale, No. 114040, a son of King of the Pontiacs, from a 29.93-lb. dam. Cornucopia Pontiac Korndyke No. 87266, a son of Pontiac Korndyke, from a 33-lb. dam. For Sale—both females and males—all of prominent lines of breeding.

Edsall B. Reynolds, Prop.
Sherburne, N. Y.

MAD-BROOK STOCK FARM

A herd of producers headed by a grandson of the "greatest milk producer of the breed." Let us know your wants.

Briggs & Cummings,
Sherburne, N. Y.

SHERBURNE SUBURBAN STOCK FARM

50 pure-bred Holsteins of quality
250 grades that cannot be surpassed.

Herd headed by son of King of the Pontiacs. We can supply anything you want in good cattle.

F. H. WILCOX Sherburne, N. Y.

WESTEND STOCK FARM

Offers a Few Bull Calves

Sired by King Pontiac Hilldale (sire, King of the Pontiacs; dam, Hilldale Lorie Korndyke, 29.93 lb. at 4 yrs) and from R. O. dams. The calves are fine individuals. A credit to their backing. Choice for $125.

Bert J. Butts, Sherburne, N. Y.

HARRINGTON SISTERS

OFFER A BULL CALF—Born Dec. 20, 1914; more white than black; robust and active; fine individual. Sired by King Pontiac Hilldale (Sire, King of the Pontiacs, one of the geatest sires of the present day; dam, Hilldale Lorie Korndyke, 29.93 lb. at 4 yr.) Dam, Pietertje Clothilde Johanna De Kol 3d. A. R. O. 21.88 lb. 5.04 per cent at 3¾ yr. Sister to 25-lb. senior 2-yr-old. Write for pedigree and price.

M. T. Bryant, Mgr., Sherburne, N. Y.

MAPLEVIEW STOCK FARM

Offers two bull calves 9 and 10 months old with good A. R. O. records. Sire's dam made four world's records in 1910. Butter in 7 and 30 days, 35.38 and 145.11 lb. Milk in 1, 7 and 30 days, 125.8, 845.8, 3376.5 lb. Also a few good cows for sale.

W. S. Bullock, Sherburne, N. Y.

WESTSIDE STOCK FARM

Offers for sale a son of a 20.6-lb. jr. 2-yr-old, born Jan. 8, 1915; more white than black; fine individual. Sire, Korndyke Electa Pontiac Pet, son of the 37.68-lb. bull, Korndyke Pontiac Pet, and from a daughter of Earl Korndyke DeKol. Dam, Bessie Koningen Burke Korndyke; A. R. O. 20.67 lb. at 2 yr. 3 mo. She is sired by a son of a 27.93-lb daughter of Prince Pietertje De Kol. Pedigree and price upon application to

John M. Howard, Sherburne, N. Y.

ONLY 2 GRANDSONS OF DE KOL

QUEEN LA POLKA 2d LEFT

Sired by sons of
Pontiac Korndyke

Clayton Sisson, Sherburne Stock Farm
Sherburne, N. Y.

New Berlin Breeders

RIVERVIEW STOCK FARM

Pure bred Holstein-Friesian sires in service. King Pontiac Hengerveld No. 53297. Sir Korndyke Pontiac Artis 13th, 102050. A few young bulls for sale from A. R. O. dams. Good color and good individuality. Price right.

T. A. Page & Son,
West Edmeston, N. Y.

COLUMBUS VALLEY STOCK FARM

The home of Locus Butter Boy Pontiac from a 27-lb. granddaughter of De Kol 2d's Butter Boy 3d. Sire, son of Hengerveld De Kol. Bull calves for sale from granddaughters of King of the Pontiacs.

W. B. GATES
New Berlin, N. Y.

Herd Sire—KING CORNUCOPIA NETHERLAND No. 121633. Backed by such noted sires as King Segis, Hengerveld De Kol, Aaggie Cornucopia Johanna Lad, Korndyke Queen De Kol's Prince and Paul Beets De Kol; also such great producing cows as Abby Hartog Clothilde (31.39 lb), Princess Segis (30.43 lb.) and Lily Cornucopia Netherland (24.00 lb. butter and nearly 100 lb. milk in one day). Four nearest dams average 27.50 lb.

Floyd C. Sholes Jay D. Sholes
New Berlin, N. Y.

FULL VIEW STOCK FARM

Twelve years experienced breeding of choice Holstein-Friesian cattle. Senior herd sire, Aaggie Grace Butter Boy 24339 best son of De Kol 2d's Butter Boy 3d. Junior herd sire, Pontiac Perseus 41666, one of the best bred sons of Hengerveld De Kol. Bull calves from the above breeding for sale.

WM. M. BACKUS New Berlin, N. Y.

MAPLE LAWN STOCK FARM has a few well bred cows for sale. They are bred to Brightview Sir Pietertje Segis, whose get are proving exceptional individuals. His sire is one of the best sons of King Segis, out of a one time world record daughter of Paul Beets De Kol. His dam is out of the same cow as Agatha Pontiac. A. R. O. 36.90 at 4 years, and has 28.82 A. R. O.. State wants.

Elmer Traver, New Berlin, N. Y.

LOCUS STOCK FARM

Fellow Breeders, Take Notice—A rare opportunity to obtain a herd bull. Grandson of Hengerveld De Kol out of granddaughter of De Kol 2d's Butter Boy 3d with good A. R. O. backing. Eighteen months out. Well marked. Write for photo, pedigree, etc.

C. L. BANKS & SON
New Berlin, N. Y.

A GOOD INDIVIDUAL

Tag 115, Dam 51, record 27 months old 18.56 lb. in 7 days and now on yearly test, giving in 188 days 8,077 lb. milk, 271.532 lbs. fat. Sire, Sir Pontiac Roxie Korndyke.

Write us quick for prices on this youngster.

Peaceful Valley Farm,
Oxford Depot, Orange County, N. Y.

UTILITY AND BEAUTY

We offer six females about one year old from one sire. Also Michigan's highest record senior two-year-old for 1914 and grand champion of West Michigan State Fair last fall.

Utility Stock Farm
M. W. Willard & Sons, Grand Rapids, Mich. R. 14.

One animal consigned by G. H. Ford, Covington, Pa., brought $180.

Consigned by M. F. Patterson, Wellsboro, Pa.: Pelham Hamilton De Kol 2d, E. B. Spencer, Tioga, Pa., $200. 2 animals brought $270; average, $135.

Consigned by G. W. Smith, Covington, Pa.; Pietertje Hengerveld Vigil De Kol, F. D. Kerrick, Towanda, Pa., $210. 6 animals brought $1045; average, $174.17.

Consigned by D. H. Ford, Wellsboro, Pa.: Anna Tucker 2d, S. O. Blanchard, Cherry Flats, Pa., $235. 3 animals brought $595; average, $198.33.

Consigned by O. D. Patterson, Covington, Pa.: Lady Walker Princess, M. F. Patterson, Wellsboro, Pa., $285. 3 animals brought $610. average, $203.

One animal consigned by George Vandervort, Middlebury Center, Pa., brought $110.

Consigned by W. F. West, Wellsboro, Pa.: Betsey Jane Calamity Korndyke, Geo. B. Dusinburie, Wellsboro, Pa., $205; Japonica Pontiac Clintonia, H. J. Mitchell, Wellsboro, Pa., $200; Princess Thelma De Kol 2d, R. W. Bowen, Wellsboro, Pa., $210. 8 animals brought $1130, average, $141.25.

One animal consigned by R. W. Bowen, Wellsboro, Pa., brought, $120.

Grand total (67 animals) $13,385. Grand average, $199.78.

EASTERN-CENTRAL NEW YORK BREEDERS' SALE, FONDA, N. Y. AUGUST 25 & 26.

This sale was managed by the Holstein Sale Company, Elgin, Ill., to whom we make acknowledgment for the following information.

The 30-lb. cow, Wilhelmina De Kol Netherland 2d, consigned by L. J. Mosher, St. Johnsville, N. Y. topped the sale at $985 being purchased by Frank C. Berning, Schenectady, N. Y. The next highest price was her daughter, Dora Netherland Pietje, likewise consigned by Mr. Mosher, and purchased by James Gibson, White Plains, N. Y. for $395.

Consigned by N. V. Lasher, Fultonville, N. Y.; Posalie Paul De Kol, V. Williamson, Greenwich, $300; Sweetheart De Kol Posch, James Gibson, White Plains, N. Y., $225. 16 animals brought $1980; average, $123.75.

Consigned by J. W. Vaughn, St. Johnsville, N. Y.: Boon Beauty Segis, James Gibson, White Plains, N. Y., $360; Idealze Johanna Pontiac, W. W. Turner, St. Johnsville, N. Y., $200; Lena Clothilde Concordia, James Gibson, White Plains, N. Y., $350. 4 animals brought $960; average $240.

Ten animals consigned by Failing Bros. St. Johnsville, N. Y., brought $1410; average, $141.

Consigned by L. J. Mosher, St. Johnsville, N. Y.: Aaggie Hengerveld Artis, James Gibson, White Plains, N. Y., $200; Dora Netherland Pietje, James Gibson, White Plains, N. Y., $395; Maple Lane Dora Pietje, Hugh J. Davis, Broadalbin, N. Y., $330; Maple Lane Prilly Pontiac, Harvey L. Morse, North Troy, N. Y., $200; Wilhelmina De Kol Netherland 2d, Frank C. Berning, Schenectady, N. Y., $985. 14 animals brought $3145; average, $224.64.

Six animals consigned by Harvey Gramps & Herman Fredericks, Fort Plain, N. Y., brought $740; average, $123.33.

Eleven animals consigned by S. W. Smith, St. Johnsville, N. Y., brought $1110; average, $100.91.

Two animals consigned by Chas. I. Schuyler, Amsterdam, N. Y., brought $185; average, $92.50.

Three animals consigned by Wm. G. Schuyler, Amsterdam, N. Y., brought $315; average, $105.

Three animals consigned by Egbert T. Cross, Johnstown, N. Y., brought $95; average, $31.67.

Four animals consigned by Hugh J. Davis, Broadalbin, N. Y., brought $245; average, $61.25.

Seven animals consigned by John Brant-hover, Minaville, N. Y., brought $630; average, $90.

Three animals consigned by Jacob Rutishauser, Canajoharie, N. Y., brought $265; average, $88.33.

Cazenovia Breeders

KORNDYKE PONTIAC AAGGIE, 64888
Heads Our Herd

He was by a son of Pontiac Korndyke, and the 37-lb. former World's Champion, Pontiac Pet. His dam is the great 30-lb. cow, Aaggie Alban Shadeland.

Herd numbers forty head.

W. H. HUGHES
P. O. Webster Station, N. Y., (near Cazenovia). Railroad, Ballina, on the West Shore.

163-ACRE ALFALFA-DAIRY FARM

30 acres alfalfa
15 acres woodland
90-ft. stable—silo

Well watered. 3 miles from Cazenovia on State Road. Want to sell farm and herd of 28 pure-bred females.

D. D. BLOWERS
R. F. D., Cazenovia, N. Y.

FOR SALE

200 head of high grade Holstein cows and heifers, all ages. Young grade calves either sex.

R. D. Lee, Cazenovia, N. Y.

BY A 33.87-LB. SIRE—Dam, a 16.45-lb. 2½-yr-old, produced 452.2 lb. milk in 7 days. She was by Gordon Glen Pontiac, sire of the World's Champion 2-yr-old. and from a 22-lb. daughter of Johanna Rue 3d's Lad. This applies to a 6-mo-old bull calf we are offering at a bargain. Also, a bull calf by Lorenzo Pontiac Korndyke, a 31-lb. son of Pontiac Korndyke, out of A. R. O. dams. For complete information address Chas. S. Fairchild, Lorenzo Farm, Cazenovia, N. Y.

MEADOWOOD FARMS
Cazenovia, N. Y.

Herd Sire, King Segis Pontiac Acme No. 116467. He is one of the finest bred bulls of today. The combination of breeding which produced this bull is unexcelled in production by no other popular producing blood of the breed. His get is excellent.

W. G. Chard, Prop. A. L. Shepherd, Mgr.

SULPHUR SPRING FARM

Ready for service—Yearling bull, ½ white. Dam, Inksper Lady de Haan, butter at 6 years, 30.44 in 7 days. Sire, King of the Pontiacs Small Hopes 90396. Son of Champion 2-yr-old of State of Washington. First and only three daughters to freshen average over 20 lb. in 7 days. Picture of sire and dam in July 17 World. For price and pedigree address

J. A. Fuggle, Cazenovia, N. Y.

FOR SALE—Farm of 108 acres, 10 acres in alfalfa, 30 more will raise alfalfa, 10 acres good for garden truck if wished. Buildings all newly repaired, new silo, barn 90 feet long, 30 stanchions, 5 horse stalls, 2 box stalls, 10-room house with running water in house and barn. The farm is well watered, never fails. This farm is 20 minutes drive from four villages. Wintered 30 head of cattle and 5 horses last winter and sold hay. Had 20 tons ensilage left. Now if it is a bargain you want in a farm, it will pay you well to come and see me. I also have 3 more farms to sell and they must be sold. Terms easy.

R. D. Lee, Cazenovia, N. Y.

FOR SALE—One of the best dairy farms in Central New York consisting of 175 acres. Good alfalfa land, well matured; good buildings; house nearly new; cow barn for 35 cows, swing stanchions and running water. This farm is 20 miles east of Syracuse, 4 miles from Cazenovia, 2½ miles from railroad. Inquire of:

Jay W. Lee, Cazenovia, N. Y.

Cheap

Bulls with World's record blood on both sides. Write for pedigree and price.

Harold F. Hubbs Kirkville, N. Y.

WE WOULDN'T HAVE YOU THINK

we are the pioneers in the business for we are not, but we do claim that no concern represents as many years of association with the Holstein-Friesian cattle industry. It represents the culmination of 40 years study in breeding and marketing Holsteins.

FURTHER—We have the largest and best equipped office, the largest and best system of records, the largest office force and have no business only the promoting of sales and pedigree work.

Because of our superior facilities and service rendered in the past, the people having good cattle to sell come to us.

How many do you want to sell in our sales of

NOVEMBER — JANUARY — MARCH — APRIL

at the SYRACUSE SALE PAVILION, SYRACUSE, N. Y., or our sales of

NOVEMBER — JANUARY

at the HOLSTEIN SALE PAVILION, EARLVILLE, N. Y.

To delay any means to be left.

If you have cattle to sell, consult us now.

LIVERPOOL SALE & PEDIGREE CO., Inc.

Sale Managers

LIVERPOOL, N. Y.

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13 HEAD REGISTERED HOLSTEIN CATTLE FOR $2000

Consisting of four two-year-olds, eight yearling heifers and one bull. All choicely bred; good size and color. Heifers all bred to freshen in early winter to a son of Sir Veeman Hengerveld which is one of the best in the breed. Don't stop to write but come and see them. Must be sold at once to settle estate.

J. P. Ahrens, Deposit, N. Y.

HINCHEY HOMESTEAD

Offers for sale Holstein bull born Apr. 18, 1914, sired by Hengerveld Butter Boy De Kol and out of a 25.95-lb. granddaughter of Sir Clyde. This bull is about ½ and ⅛ in color and is well grown. Write for pedigree and price.

W. S. Hinchey Rochester, N. Y.
P. O. Box 729

PLAN NOW

To attend our A. R. O. Sale

At Indianapolis, Ind.

October 14, 1915

The Indiana Holstein-Friesian Association

For catalogs ready Oct. 1

Address F. G. JOHNSTON, Sale Manager

37 West Lane Avenue Columbus, Ohio

HOBART W. FAY
Mason, Michigan
Established
1904

PRILLY KING PONTIAC JOHANNA 155069

6 mos. bull calf by the 31.8 lb. bull Spring Farm King Pontiac Mercedes and from Johanna Prilly, a 15-lb. 3-yr-old granddaughter of Mildred Walker and Beauty Pietertje; now on year test. Price $200 F. O. B. Chippewa. Also a son of Maplecrest Butter Boy De Kol, 75 per cent same breeding as Banostine Belle De Kol. Write for photo and information.

C. P. BARKER,
Barker Farm, Chippewa Falls, Wis.

PUREBERD

DUROC JERSEY HOGS

Spring pigs for sale.

W. W. GOODRICH, Ft. Atkinson, Wis.

HEIFER CALVES $100 AND UPWARDS

Sired by a $2000 32.42-lb. son of Colantha Johanna Lad—The World's greatest bull. Dam of calves, Johanna Rue 3d Lad and Sadie Vale Concordia 4th—41.06 lb. breeding. Bull calves, $25 and upwards. Express prepaid. Herd tuberculin tested. Satisfaction guaranteed.

C. D. Fortnam, Tyler Hill, Pa.

KEYSTONE FARMS

To make room for increase of my herd will sell 10 head of young registered cows and heifers, nearly all having good A. R. O. records. These are all bred to Segis Hengerveld Beets Lyons No. 124869, a 32.45-lb. bull of outstanding merit. I also have a few fine young bulls from the above sire for sale.

C. A. Pratt, LeRaysville, Pa.

HEIFERS FOR SALE

4 daughters (coming 2 yr. old) of Sir Pontiac Artis Count (a son of Sir Korndyke Pontiac Artis and from a daughter of Sir Veeman Hengerveld.) Dams and grandams of heifers are sired by sons of 30-lb. cows. Fine individuals, nicely marked and bred to a splendid sire. They are priced to sell.

Ivory R. Foster, Owego, N. Y.

BLUE BOOK

Every Holstein-Friesian Breeder Needs the Blue Book to Aid Him in Making His Breeding Operations Successful.

Have you subscribed for the 26th volume? You cannot afford to be without it. All experienced breeders consider the book indispensable in tracing the breeding and relationship of A. R. O. animals. The 26th volume will be ready for distribution about November 1st. It will contain about 1,000 pages of condensed information relating to Holstein-Friesian cattle, including the whole Advanced Register of last year. The official name of the book is Advanced Register Year Book, and the price is $2.00 per copy to all alike. A limited number of copies of the 24th and 25th volumes is yet on hand. Be sure to designate which volume you want, and send all applications with price to

M. H. Gardner, Supt. A. R.
Delavan, Wis.

New Woodstock Breeders

SIR URMAGEL BURKE

Heads our herd. He is by De Kol Hengerveld Burke. His dam, Urmagelsche 2d A has 31.24 lb. and has two 30-lb. daughters, one having 35 lb. Herd numbers 60 head. Address:

F. L. FREEBORN
New Woodstock, N. Y.

6 YOUNG SISTERS FOR SALE

I have six heifers ranging in age from one month to ten months of age, daughters of Hengerveld De Kol Segis No. 92658, he a grandson of Hengerveld De Kol and King Segis, from good producing dams mostly with records. Good, straight individuals, nicely marked. Price reasonable for quick sale.

Irving H. Lee
New Woodstock, N. Y.

GRANDSON OF KING OF THE PONTIACS

From an A. R. O. dam for sale. A fine youngster. Come and see him and his dam. Also a few sons of Korndyke Defiance Segis. Prices very low.

A. L. LAMUNION
New Woodstock, N. Y.

BY A 26-LB. SIRE—

WE OFFER a bull calf by a 26-lb. son of De Kol Beets Segis and from a 16-lb. granddaughter of De Kol Hengerveld Burke. A good calf at a reasonable price. Herd sire, a son of King Segis Pontiac Alcartra.

F. L. & I. H. Hunt, New Woodstock, N.Y.

DO YOU NEED A HERD BULL?

We offer one ready for service, dam, a 22-lb. 3-yr-old by one of the best sons of King Segis. Sire, by De Kol Hengerveld Burke, and from a 31-lb. dam. Sire has a 35-lb. full sister. More white than black—well grown—a beauty. If you are looking for a good bull at a low price, address

Damon Bros., New Woodstock, N. Y.

WANTED A customer for five defective cows. Two have A. R. O. backing. Bred to a son of Pontiac Korndyke. Here is a good opportunity for a beginner. Price too low to print.

Ideal Dairy Farm Brown Bros.
Canton, St. Lawrence Co., N. Y.

$50,000 Bulls for Sale?

No, we have no $50,000 bulls for sale but can offer you a 2-months-old son of King Segis Pontiac Alcartra, the $50,000 bull, and from a daughter of a 31-lb. sire. We also have a few grandsons of King Segis Pontiac Alcartra from A. R. O. dams from $75 up. Write for photos, pedigrees and prices. State about what you are in the market for.

J. H. PHELPS & SON
Cresdale Farm Vernon, N. Y.

SON OF A 29.09-LB. FOUR-YEAR-OLD FOR SALE

Sired by a bull whose two nearest dams average nearly 30 lb. The sire is one of the greatest show bulls of the breed, and is a double grandson of Aaggie Cornucopia Johanna Lad Jr. We have another son of this bull, from a 28.56-lb. cow. Both calves are beautiful individuals—nearly ready for service.
The prices are right.
For complete information address

D. W. Wright
R. 1, Cambridge, N. Y.

Five animals consigned by Chase Brothers, Amsterdam, N. Y., brought $505; average, $101.

Seven animals consigned by Robert A. Davis, Ballston Spa., N. Y., brought $595; average, $85.

Two animals consigned by J. M. Brookman, Ft. Plain, N. Y., brought $75; average, $37.50.

One animal consigned by Bartholomew & Brown, Amsterdam, N. Y., brought $105.

One animal consigned by William K. Voorhees, Amsterdam, N. Y., brought $190.

One animal consigned by Elmer A. Fredericks, Canajoharie, N. Y., brought $70.

Consigned by Frank C. Berning, Schenectady, N. Y.: Beauty Hengerveld Ormsby, Herkimer Bros., Johnstown, N. Y., $245. 2 animals brought $395; average, $197.50.

Grand total (102 animals), $13,015. Grand average, $127.60.

Holsteins at the Southwest Washington Fair.

While not quite equal to last year, the cattle show was good, and in some departments the best it has ever been.

Holsteins were shown by five local exhibitors and the quality of the exhibits was the highest this fair has yet had. While championships went to Anton Mrachek's bull, August Wit of Shady Nook, the greatest contest centered in the two-year-old contest, in which H. W. A. Tram's Sir Model Mutual, Hamilton & Son's De Kol Highland's Duke, and S. M. Svinth's Hollywood Sadie Palmyra, were contenders. The decision of last year was reversed, Mr. Svinth's bull being placed first and Hamilton's again placed second. All three bulls were in good show condition, the Svinth bull having improved greatly since a year ago. He is deep bodied, and shows true dairy type all over. Championship on cow very properly went to Mr. Svinth's Rosalia Daisy of Shady Grove, a very sweet two-year-old.

The awards were:

Aged bull—1, Anton Mrachek, Chehalis, Wash., on August Wit of Shady Nook. Two-year-old—1, S. M. Svinth, Chehalis, Wash., on Hollywood Sadie Palmyra; 2, W. A. Hamilton & Sons, Chehalis, Wash., on De Kol Segis Highland's Duke; 3, H. W. A. Tram, on Sir Model Mutual. Yearling—1, J. C. Bush, on Jewel Canary Independence; 2, E. W. Klaus, on Pietertje Hartog Highland's Earl. Senior bull calf—1, Tram on unnamed. Junior bull calf — 1, Hamilton on unnamed; 2 Svinth, on unnamed.

Aged cow—1, Svinth, on Lady Pearl of Shady Grove; 2, Bush, on Poloma Canary Independence. Two-year-old—1, Svinth, on Rosalia Daisy of Shady Grove; 2, Bush, on Uni Jewel De Kol. Yearling heifer—1, E. W. Klaus, Chehalis, Wash., on Lady Bell Washington 2d; 2, Hamilton, on Miss Lundy Pietertje Pauline. Heifer calf—1, Hamilton; 2, Tram.

Champion bull—Mrachek, on August Wit of Shady Nook, Champion cow—Svinth, on Rosalia of Shady Grove.—(Rural Spirit.)

FOR SALE—Grandsons of TIDY ABBEKERK PRINCE 37770

Who has seven 30-lb daughters.
I. Yearling; dam has 20.045 lb. butter. A. R. O. at 3 yr.
II. Yearling; dam has 18.944 lb. butter. A. R. O. at 3 yr.
III. Yearling; dam has 16.738 lb. butter. A. R. O. at 2 yr.
All sired by Dutchland Empress Sir Hengerveld whose grandsires are Pontiac Korndyke and Hengerveld De Kol.
Geo. F. Blewer Estate, Newark Valley, N. Y.

Hamilton Breeders

A. A. Hartshorn Holstein Co.—Inside front cover.

FOR SALE Baroness Aaggie De Kol Beryl 111358 (7 yr. old) A. R. O. 395.5 lb. milk, 18.284 lb. fat. Bred Dec. 8, 1914, to Sir Witkop De Kol Korndyke, 111142 (a 31-lb. bull).

Just one of 35 head of all ages.

J. GRANT MORSE
Laurel Farm Hamilton, N. Y.

BULL READY FOR SERVICE

Six nearest dams (3 above 30 lb.), averaged over 27 lb. A son of our herd sire, Beauty Pietertje Hamilton, the greatest transmitting blood of the breed.
Prilly, Walker, Korndyke, Clothilde Goudgeld Hugo.
Write for further information and our low price.

Dr. O. S. Langworthy,
Hamilton, N. Y.

For Quick Sale

A few choice young bull calves from a grandson of Hengerveld DeKol and from tested dams. Prices $50 to $75.

Chenango Farms, Hamilton, N. Y.

SUNNYSLOPE HERD

Offers two heifers bred to our 31-lb. sire Sir Witkop De Kol Korndyke No. 111142. This pair are show animals and have the right breeding. Price $500 F. O. B.

J. C. Morris, Hamilton, N. Y.

CULVERT BROOK STOCK FARM

A herd that has produced some of the greatest animals of the breed. Special offering — a proven sire whose two nearest dams average over 30 lb. Write for particulars to Hartshorn & Babcock, Hamilton, N. Y.

STRICKLAND FARM HERD

Holsteins of Quality
Headed by
Spring Farm King Pontiac 14th.
Write your wants.

S. M. Strickland, Carthage, N. Y.

PHELANDALE HERD

OFFERS bull calves from 1 to 5 months old sired by Hengerveld Homestead De Kol, whose three nearest dams average 644 lb. milk and 30.49 lb. butter in seven days. Dams of calves are daughters of Dutchland Colantha Sir Inka (the world's greatest 7-yr-old sire), and have records from 24.22 lb. to 30.94 lb. butter in heifer form.

JAMES PHELAN
Forestville, Chautauqua Co. N. Y.

BOND CENTURY FARM

Canastota, N. Y.

Heifer Calves For Sale—Granddaughters of King of the Pontiacs. Also A. R. O. cows for sale. Address W. E. Bond, Potsdam, N. Y., or call at the farm.

W. A. Hotchkiss, Mgr.

FOR SALE—HEIFER CALF

Light color; full sister made 18.25 lb. butter in 7 days A. R. O. at 1 yr 11 mo.

Sire: Elmwood Beets Korndyke, a 35-lb. bull, who has 8 A. R. O. daughters. Dam of calf a well bred granddaughter of King Segis. Price $150.

Geo. T. McNeil, Theresa, N. Y.

The Sons of King Korndyke Sadie Vale are Going Very Fast.

in fact we have but a few left of serviceable age. One of these, King Korndyke Sadie Vale Boon No. 155156, was born Oct. 21, 1914. His dam, a daughter of our senior sire, Sir Veeman Hengerveld, has a 4-yr-old record of 18.96-lb. and has 100 per cent the same breeding as a 30-lb. 4-yr-old. This young bull has over 75 per cent the same breeding as the highest record daughter of King Korndyke Sadie Vale, whose achievements are outlined on the center of these two pages. **He is just getting started.** The men who own his sons are going to reap the reward in the coming years.

King Korndyke Sadie Vale Boon is a choice bull in every respect, but as he is largely black in color we are offering him at a very low price. This kind of 40-lb. breeding generally costs several times what we are asking for this fellow—but we are going to sell him quick.

Your money in this bull will prove a splendid investment. Send for pedigree and complete information. Better yet, con e and see the young bull, his sire and his wonderful sisters, as well as the sisters to his dam. We are only 17 miles from the main line of the N. Y. C. R. R.

W. D. ROBENS

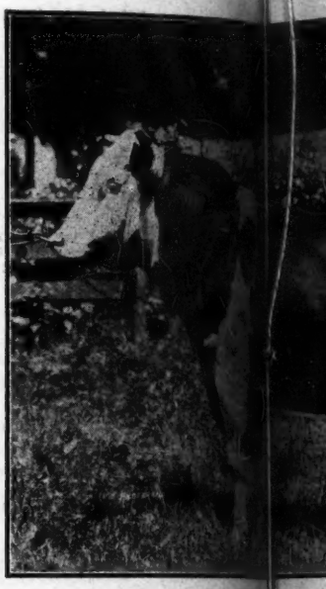
Pleasant Hill Herd

Poland New York

The Supreme Test

Another Junior 2-year-old Daughter has just completed a 7-day Record

Here is his entire ... have
K. K. S. V. Cora, 2 yr. 1 ... .
K. K. S. V. Kate Pontiac, ... 5 mo.
K. K. S. V. Florence Veeman ... 2 yr. 0
Daisy Veeman Sadie Vale ... 2 mo.
Average for the four ... 2 ...



KING KORNDYKE SAD...

No other sire that ever lived has two 26-lb. junior ... daughters. Sadie Vale was tested in very hot weather. Under favorable weather ... the World's Record in her class.

No other sire that ever lived has ever approached ... showing ...

No other sire, from the standpoint of breeding, ... approach ... cow having a 38-lb. daughter, is herself a daughter of the first 30-...

His sire, the only bull of the breed to have a 40-lb. ... daughter ... Kol 2d, the first 37-lb. cow.

His three nearest dams, and a daughter each of ... and ...

Few other sires are having the opportunity that ... daughters that are coming on will bear comparison ... get ... ise and inherited transmitting power.

Approved cows will be accepted for service. ... terms ...

W. D. Robens
Pleasant Hill Herd
Poland, N. Y.

JOINT ...

T st Is Achievement

Da hter of King Korndyke Sadie Vale
ay R ord of 26.15 lb. Butter in 7 days

tire t have freshened to date—

3 yr. 2	26.62
Pontiac, 5 mo.	26.15
ce Ve 2 yr. 0 mo.	22.29
ie Vale 2 mo.	22.05
he four yr. 2 mo.	24.28

KORN E SADIE VALE

nior d daughters. The second 26-lb. daughter of King Korndyke r fav weather conditions we are confident she would have broken

ched howing for his first four daughters.

ing, c proach King Korndyke Sadie Vale. His dam, the only 41-lb. er of rst 30-lb. cow, Sadie Vale Concordia.

40-lb. d daughter, is a son of King Segis and Pontiac Clothilde De

of his and dam, average 37.54 lb.—an unapproached showing.

that ing given King Korndyke Sadie Vale. His young sons and on get of any other sire—both with respect to individual prom-

Write terms.

INT WNERS

Quentin McAdam
Brothertown Farms
Utica, N. Y.

Brothertown Farms

HOME OF

KING KORNDYKE SADIE VALE

(See middle of these two pages)

And his famous sire

King Segis De Kol Korndyke, 56110

The only bull of the breed having a 40-lb. 4-yr-old daughter. His 45 A. R. O. daughters include:

Mabel Segis Korndyke, 4 yr	40.32
Butter 30 days (World's Records)	165.27
Abbekerk Korndyke Segis, 5 yr	30.42
Pietertje Segis Korndyke, 4 yr	25.82
King Segis De Kol Korndyke Duchess, 3 y	24.44

And a number of 20-lb. 2-yr-olds, as well as a wonderful lot of heifers that will be heard from.

He is a son of King Segis and the first 37-lb. cow, Pontiac Clothilde De Kol 2d, who was also the first cow of any age or breed to produce 1000 lb. of butter fat in a year. King Segis De Kol Korndyke combines in the closest degree the blood of King Segis, Pontiac Korndyke, and Hengerveld De Kol.

Eleven 30-lb. cows have been developed in the Brothertown Herd (including the first 30-lb. cow of the breed), eight of the number being members of the herd at present. The records of the eight average 33.72 lb. This includes Sadie Vale Concordia 4th Pietje (38.44 lb.). This mother and daughter last spring accomplished the hitherto unheard of feat of winning 1st and 2d prizes in the mature class for both 7 and 30 days.

The point is that Brothertown Holsteins are producers—they make good—an important consideration in the selection of a herd sire.

SPECIAL OFFERING OF BULLS

Sons of the $15,000 son of the 44-lb. cow, out of good daughters of King Segis De Kol Korndyke.

Beautiful Youngsters—Priced to Sell

QUENTIN McADAM, Prop.
UTICA, N. Y.

SON OF A 25-LB. JUNIOR 2-YEAR-OLD

Sired by a 33.76-lb. son of Pontiac Korndyke. Dam is a daughter of Gordon Glen Pontiac, the only sire having three 25-lb. junior 2-yr-old daughters. She is a sister to the World's Champion 2-yr-old, and to a 30-lb. 3-yr-old.

The dam averaged over 70 lb. milk per day during her 30-day test making 102.54 lb. butter.

Calf was born March 16, 1915.

Is this the sort of a prospect you want as the dam of your next herd bull?

For complete information, address:

HUGH J. DAVIS

Maple Ridge Herd **Broadalbin, N. Y.**

(7 days 33.12) (365 days 1157.44)

This is the average for the two nearest dams of

KING SEGIS PONTIAC COUNT

Why not head your herd with a son of King, and get with aristocratic blood lines, long distance records in your pedigrees. Here is a few we have to offer, one from a 29-lb. cow that has produced a 25-lb. two year old daughter, 1 from a 27-lb. junior 4-yr-old daughter of Tidy Abbekerk Prince, 1 from a 29-lb. daughter of Sir Veeman Hengerveld, 1 from a 26-lb. daughter of Sir Johanna Fayne, and another from a 15-lb. junior 2-yr-old whose dam is a 31-lb. daughter of a 26-lb. cow. most of the dams above have yearly records or are now on test. Write for pedigrees and prices. Remember we are always willing to take nice heifers in trade.

ARDEN FARMS, Inc.

Merriam Park Sta., **ST. PAUL, MINN.**

W. J. YOUNG, Mgr.

First Annual Holstein Sale

MILKY WAY DAIRY FARM

Maple Park, Illinois

WEDNESDAY, SEPTEMBER 29TH, 1915

60 HOLSTEINS

35 PUREBREDS 25 GRADES

In this sale are:

Granddaughters of Pontiac Korndyke.
Granddaughters of King of the Pontiacs.
Granddaughters of Colantha Johanna Lad.
Cows bred to a son of a 37-lb. cow.
Cows bred to a son of a 31-lb. cow.
Cows bred to a $1600 son of King of the Pontiacs.
Yearlings and heifer calves from A. R. O. dams sired by splendidly bred bulls.
A few good well bred young bulls

For catalogs write:

Louis H. Klaas, Prop.,
Milky Way Dairy Earm,
Maple Park, Ill.

Holstein Sales Co.,
102 W. Chicago St.,
Elgin, Ill.

We have inspected these animals, they have splendid individuality.
H. S. CO.

KING SEGIS PATENT LOCK

Ear Tags, Bull Staff and Rings.

Description and prices sent on application. 500,000 of these ear tags have been sold without adverse criticism. 500 of these Bull Staffs are used by the best breeders in the business.

H. A. MOYER, Syracuse, New York

FOR SALE

One ten-year-old cow, sound and right in every way, A. R. O. 21.10 butter, 7 days. Hengerveld breeding, safe in calf by a bull out of a 30 lb. dam. Also a four-months bull whose two first dams average 25 lbs., the pair for $300. Photo and breeding on application. Others for sale.

H. T. Fuller, R. 2, Peru, N. Y.

---

10 TO 20 HEAD—FOR IMMEDIATE SALE

Well bred females of good ages—both cow and heifers; bred to better than 30-lb. bulls; priced right. Speak quick.

Fred Manning, Oaken Bucket Farm, R 1, Waverly, N. Y.

FAYETTE DAIRY OFFERS SOME GOOD BULLS

Two ready for service sired by King Hengerveld Segis whose dam is a 30-lb daughter of King Segis and whose sire is a son of Hengerveld De Kol. The dams of these bulls are great dairy cows having good A. R. O. records. Also a number of KORNDYKE bred bulls ranging in age from two months to one year. These bulls are good individuals.

D. H. Yaukey, Fayetteville, Pa.

TWIN BROOK HERD

OFFERS

TWIN BROOK VEEMAN KING

No. 144469 born August 28, 1914, more black than white. Sire—King Korndyke Reba Veeman, No. 116541, whose three nearest dams average 35.27 lbs. of butter in 7 days. Dam—Twin Brook Segis DeKol No. 138919, one of the good A. R. O daughters of King Segis, Jr., No. 45001.

Write for price and pedigree.

W. B. DEVANEY, BERWYN, PA.

SON OF A 23-LB. 3-YR-OLD

Dam's record—23.5 lb. butter, 572 lb. milk in seven days; 96.75 lb. butter, 2248 lb. milk in 30 days—best day's milk 87 lb. Her sire is a brother to De Kol Creamelle. Calf is sired by Matador Walker, a ¾ brother to a 33-lb. 4-yr-old.

Also a grandson and granddaughter of 44-lb. cow for sale.

THE BOYSON HERD
Rome, N. Y.

The Corse Press

Constantly Growing
Large New Equipment
Enables us to give you best of Service at Reasonable Prices
Try us Now

Sandy Creek, New York

MADISON-CHENANGO BREEDERS' SALE

The top price in the Madison-Chenango Sale at Earlville, Sept. 1-2, was $1,000.00 paid for the "four times 30-lb. cow," Lottie Walker Spofford, and also for a young daughter of King Korndyke Sadie Vale. 145 head brought $28,425, an average of $196.03, which is considered good, in view of the large proportion of calves and heifers in the sale. Owing to lack of space we are unable to give a complete report this week, but will give this in detail next time.

FOURTH ANNUAL PICNIC OF THE WEST MICHIGAN HOLSTEIN BREEDERS' ASSOCIATION

On August 25th was held at Long Beach Stock Farm on the shores of Gull Lake, Michigan, the fourth annual picnic of the Western Michigan Holstein Breeders' Association.

Although the weather was cold and threatening, more than one hundred enthusiastic Holstein breeders enjoyed the hospitality of Mr. and Mrs. F. S. Kenfield at their beautiful home on Gull Lake.

While music by the Dalton Band entertained the women and children during the forenoon, the men folks inspected the fine barns and herds of Long Beach Farm and also showed much interest in fifty acres of alfalfa from one to three years old that is producing a wonderful yield.

After a bountiful chicken dinner served in picnic style, Mr. Kenfield opened the afternoon program with an enteraining speech of welcome. Many of the young farmers present were interested to learn that Mr. Kenfield started with an animal that cost him $300 for which he has refused $3,000.

Mr. Arthur Clarke, of Alto, Michigan, President of the Association, acknowledged Mr. Kenfield's greetings in a very humorous and inspiring talk on Holsteins.

Honorable Frank H. Williams of Allegan, Michigan, spoke on the fraternal spirit among Holstein men, and their opportunities. His talk was very impressive, telling how the Holstein breeders are striving for an ideal animal and lauding the fact that many wealthy men who in the past have devoted their time and money to fast horses, striving to breed a horse that would cut another half second off the record, are now taking up the Holsteins and breeding for better milk records with the same enthusiasm and concentration with which they went after speed records. Mr. Williams has been breeding Holsteins for twenty years and to hear him tell of the good they do to the farm, how they return more than they take off (something that cannot be said of crop farming), was very encouraging to the young men present, many of whom are starting purebred herds.

Honorable P. T. Colgrove, of Hastings, Michigan, gave a very interesting talk regarding Holsteins on the Michigan farm and on the good roads movement. Mr. Colgrove and Mr. Kenfield are old boyhood friends, both of whom have made good in their respective lines of work and are now devoting their time and talents to raising Holsteins. Mr. Colgrove was elected prosecuting attorney of his county when twenty-one years of age and continued in that office for several years. He has been honored by his party by being sent to the legislative halls of his state, and today, atfer many years of active public life, is putting in his time working for better roads and more and better Holsteins for the Michigan farmer.

Following Mr. Colgrove's excellent speech, the business reports were read, which showed the association to be in a flourishing condition.

At the close of the program the visitors were entertained by a trip around the lake and with music by the band. Upon their return they were served with ice cream and cake; everyone leaving for home with a hearty vote of thanks to the genial host and hostess of Long Beach Farm and a feeling that the day had been well spent in mingling with the men and women who are doing so much for the Holsteins and the Michigan farmer.

Inclosed is $1.00 to pay for the renewal of my subscription to the World and will say I am very well pleased with your paper. It is fine reading every week and you deserve great success for the efforts you are making to make it the "greatest" Holstein-Friesian paper.—S. T. Witmer, Union Deposit, Pa.

Inclosed please find one dollar to pay subscription to the Holstein-Friesian World for one year. We are liking the paper as well as ever and could not get along without it.—C. E. Waterman & Sons, Auburn, Me.

Please find inclosed check for subscription to the World as I have been a reader of it for some time. Could not afford to be without it.—H. G. Lake, Montrose, Pa.

Up-to-Date

TYPEWRITTEN PEDIGREES

SEVENTY-FIVE CENTS EACH

SALE CATALOGS $2.50 PER PAGE

Give name and number of sire and dam of animals having numbers above 239354 in cows and 132639 in bulls.

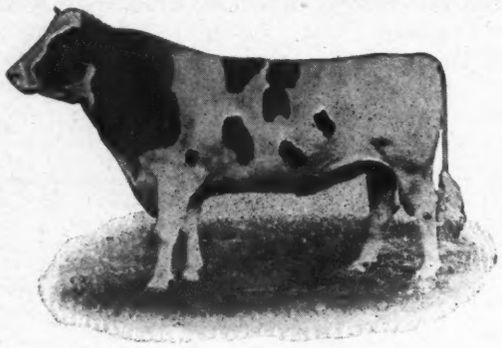
F. G. JOHNSTON

37 W. Lane Ave. Columbus, Ohio.

VANDERKAMP FARMS

Senior Herd Sire, - - - Judge Segis, H. F. H. B. No. 80912

SIRE
KING SEGIS
No. 36168
85 A. R. O Daughters
65 Sons With
561 Daughters
4 Present World's
Record Holders



DAM
GYPSY HENGERVELD
No. 104455
Butter 3 yr. 29.24
Butter 30 days 119.00
Sire is
JUDGE HENGERVELD DE KOL
Son of Heng. De Kol

His first 8 daughters average 17 lbs. at 2 yr. 2 mo.
We have the following sons of Judge Segis for sale:

VANDERKAMP SEGIS SARCASTIC LAD—Born Feb. 6, 1915, Dam, Brookdale Pietje Inka, A. R. O. 27.54 lbs. Three own sisters over 20 lb. Her ½ sister in our herd made 34.54 lb. at 4 yr.

VANDERKAMP SEGIS HENGERVELD—Born April 8, 1915. Dam, Brookdale Pietje Teresa, A. R. O. 28.08 lbs. Her dam 17.92 lb. Her dam 18.18 lb.

VANDERKAMP SEGIS PAUL DE KOL—Born December 5, 1914. Dam, Maple Grove Cristy De Kol A. R. O. 27.93 lb. at 4 yr. Her ½ sister made over 37 lbs. This bull has own sister over 20 lbs. at 2 yr 2 mo.

VANDERKAMP SEGIS COUNT DE KOL—Born May 29, 1915. Dam, Clara Countess De Kol, A. R. O. 23.51 lbs. at 4 yr. She has a daughter who is own sister to this bull with over 17 lb. at 2 yr. 2 mo.

We have sold three bulls within the last two weeks and these will go quickly so if you are in need of a great herd sire now is your opportunity to get one.
Write us for particulars

F. C. SOULE & SONS - - SYRACUSE, N. Y.

GRAND CHAMPIONS

Annie De Kol Model Segis 95031, is a show bull, bred for individuality and production.

His dam, Annie De Kol Butter Girl, a three-times 30-lb. cow, won 1st and Grand Championship at the New York State Fair last year as a 10-yr-old.

His sire, Lakeside King Segis Alban De Kol, one of the best sons of King Segis, has likewise been a Grand Champion at the same show.

Is this the kind you want to breed?

Approved cows will be accepted for service at $25.00.

S. C. PENDERGAST
"Oswego River Stock Farm"
Phoenix, N. Y.

Greenview Stock Farm

HERD headed by King Pietertje Hartog Pontiac No. 105976; a son of King of the Pontiacs and Rouble Hartog De Kol Pietertje No. 69124. 691.24 lb. milk, 24.79 lb. butter in 7 days at nine years of age. Our junior herd bull, son of Rag Apple Korndyke 8th. Seven nearest dams average 29.86 lb. butter in 7 days. His two grandams, 37.56 lb.

O. L. IVES
Guilford, N. Y.

Risinghurst Johanna Ormsby De Kol

SON OF

Lindenwood Hope

World's Yearly Record Senior Four Year Old

Average per cent of fat for an entire year

4.56%

WELL BRED APPROVED COWS

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Long experience with Holsteins and thorough training in Jones' Auctioneering School, Chicago.
Dates made anywhere.

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HOLSTEIN AUCTIONEER

To insure the success of your sale you need Kelley in the box. For dates write

Col. B. V. KELLEY. Syracuse, N. Y.

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Satisfied patrons all over the country testify to the quality of my work. For dates and terms address

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COL. J. E. MACK
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THE
HOLSTEIN AUCTIONEER
I also sell satisfaction.
COLUMBUS, OHIO.

SON OF A 26-LB. COW FOR SALE

The dam, Daisy Clothilde Burke 86701, has a record of 26.03 lb. butter, 571.8 lb. milk.

In Cow Testing Association she produced in a year 12,880 lb. milk, 508.63 lb. butter.

The sire, Woodbine Pontiac Hengerveld, a wonderful show bull, was by a 31-lb. son of King of the Pontiacs, and from a 28-lb. 3-yr-old daughter of King Segis Pontiac; next dam a 27-lb. cow. The average for his dam, and the four nearest dams of his sire, is 29.95 lb. The calf was born Jan 15, 1915, is about evenly marked, and is a splendid individual. Here is a good bull at a low price. Write for full particulars.

E. A. Whitford, Whitford Homestead Herd, Adams Center, N. Y.

SPRING BROOK STOCK FARM
Offers for sale Prince Judith Pontiac De Kol No. 115568. Son of Prince of the Pontiacs and a grandson of King of the Pontiacs; 3½ years old; 9-10 white; extra long, broad and straight as a line and pretty as a picture. Weighs about 1600 lb. Also two of his sons three and four months old; more white than black; extra well grown and are beauties. Will be sold cheap to some one. We have no pasture for them. Bame Bros., Castleton, N. Y., R. F. D. 2.

THIRD ANNUAL CONSIGNMENT SALE

OF

125 HEAD OF HOLSTEIN-FRIESIAN CATTLE

The cream of the wheat from Upper Iowa and Cedar Valley Breeders

80 Registered Males and Females **45 High-Grade Females**

Complete dispersion of the pure-bred herd of the late S. P. Jensen of Cedar Falls, Iowa

ALL CATTLE TUBERCULIN TESTED AND GUARANTEED

The best sale in every respect ever put on West of the Mississippi River. Staged and managed by the

UPPER IOWA HOLSTEIN-FRIESIAN BREEDERS' ASSOCIATION

Waterloo, Iowa, Thursday, September, 1915.

During the Cattle Congress and on the Cattle Congress grounds stock on exhibit all of the week.

Auctioneer Col. D. L. Perry

For catalog, address

HARRIE W. GLEIM, Manager, Arlington, Iowa

or

MYRON E. TALCOTT, Assistant, Fayette, Iowa

The Asylum Herd

"WHERE THE CHAMPIONS COME FROM"

Offer Bull Calves sired by sons of Pontiac Korndyke, Hengerveld De Kol, Pontiac Dutchland, or Admiral Walker Pietertje.

Do you want a Pontiac in your herd?

Pontiac State Hospital Pontiac, Mich.

WATER IN THE STABLE A NECESSITY

THE "BUCKLEY" Device for watering stock is the leader. Why not use the best? Write to the manufacturers for a descriptive circular.

POUGHKEEPSIE FOUNDRY & MACHINE CO.
Poughkeepsie, N. Y.

FOR SALE—ORMSBY PRILLY BULLS

Beauty Pietertje Prince, 14 A. R. O. daughters, headed Mr. Hartshorn's herd. His sons head herds owned by A. W. Morris & Sons, Woodland, Cal., Mr. Cortelyou of New Jersey and others. Two serviceable sons from sisters to Pietertje Maid Ormsby, with records, 16.25 and 23.30. Price $150 and $300; good individuals, light color. Four dams average 26.42, 7 days.

C. B. REDDELIEN, North Lake, Wis.

RIVER VALLEY STOCK FARM

Grandsons and granddaughters of King of the Pontiacs by herd bull, Sir Genie Pontiac, from A. R. O. dams.

These calves are beauties and priced right.

John Dehmlow, Algonquin, Ill.

I am more than pleased with your newsy paper and am inclosing one dollar and a half to pay subscription for ——. —D. G. Ashley, Foxboro, Ont.

Please find inclosed check for one year's subscription to the World. I should feel lost without it.—W. J. LaRock, Evans Mills, N. Y.

Inclosed please find check for renewal of my subscription. The World is a good paper and I would not know how to get along without it.—Jess Gibson, South Hartford, N. Y.

I inclose a dollar to pay for World for another year. We think a great deal of it.—Francis J. Orr, Princeton, Mass.

Son of Pietertje Hengerveld Segis

The famous 33-lb. son of King Segis, from the best daughter of Pietertje Hengerveld's Count De Kol and Blanche Lyons.

The dam

Maple Ridge Ormsby 103576, (24.09lb.) who was by a 23-lb. son of Duchess Ormsby Butter King, and from a 27-lb. daughter of a 27-lb. cow. The **grandam** has a semi-official year's record of **1100.3 lb.** butter, **28,436.10 lb.** milk.

This young bull was born April 14, 1914, is about evenly marked a splendid individual, and with a pedigree difficult to improve upon Write for complete information.

H. C. SWARTOUT, Terracelawn Farms
Hartwick Seminary, N. Y.

YOU CAN'T BUY A WORLD BEATER

for $175.00, but we believe the following described bull is good value at that price.

OTSEGO VERNON PIETJE KORNDYKE No. 148595

Born Dec. 6, 1913——nicely marked—a trifle more black than white.

Sire—Pontiac Korndyke Hengerveld De Kol No. 41300, who carries 100 per cent the same blood as King of the Pontiacs. He is likewise making good on his own account, having about 15 A. R. O. daughters, including a 37-lb. cow that averaged over 100 lb. milk per day for 30 days.

Dam—Vernon Ruby Burke 2d No. 151517:

Butter 3 yr 8 mo	19.75
Milk	480.30
Butter 30 days	76.17

A daughter of the 31-lb. sire, Pietje 22d's Woodcrest Lad, and from a 25-lb. daughter of Sir Johanna Veeman De Kol (he by Johanna Rue 3d's Lad). The next dam is a 20-lb. daughter of a 22-lb. cow, making four direct generations of good record dams.

The grandam is a full sister to the dam of a 32-lb. 4-yr-old that averaged over 102 lb. milk per day for 30 days.

Here is dependable quality in every line. If you want more complete information, we shall be glad to furnish it, but do not delay too long, as this fellow will not remain long unsold.

HENRY K. JARVIS

Otsego Holstein Farms Weedsport, N. Y.

FOR SALE—A son of King of the Black and Whites. Born March 26, 1915. His dam, 28.02 lb. 5 yr. old, milking 92 lb. per day in her 4-yr.-old form. Her dam, 29.58 lb. cow, sister to two 30-lb. cows. The first 4 dams of this calf average 30.26 lb. He is 3-5 white; beautifully marked; a show calf. Come and see him and his dam, or address

MADISON LAKE STOCK FARMS
John L. Phelps, Solsville, N. Y.

RODGERDALE HOLSTEINS

FOR SALE—Bull calf born March 3, 1915. Sired by Sir Johanna Lady Korndyke 84720. Dam, Johanna Korndyke Pride No. 219482: milk 382.7 lb. Butter 14.73 lb. A. R. O. at 2 yr 5 days old. Calf evenly marked, straight and right every way. For price address:

M. J. Rodger, Hammond, N. Y.

FOR SALE Some good grandsons of Colantha Johanna Lad from high record cows. One is a son of a 27-lb. cow and is ready for immediate service. For pedigrees and prices, write

THE WALLACE HOLSTEIN CO.,
R. E. Buell, Mgr Wallingford, Conn.

Holstein-Friesian Breeders' Association of Chester Co.

Bulls from cows that are actual producers in the dairy carrying the best blood of the breed. Write your wants to

Philip M. Hicks, Secretary,
Avondale, Pa.

WALCOWIS FARMS

HERD SIRE

CORNUCOPIA PONTIAC JOHANNA LAD

4 A .R. O. daughters with records of 27.70 and 101½ lbs. milk per day, 23.31 at 3 yrs., 23.01 at 4 yrs, and 14.74 at 2 yrs. Full brother to K. P. Manor Kate, world's yearly record senior 2 yr. old, 1023.41 butter and 22,106 lbs. milk. Sire—King of the Pontiacs 158 A. R. O. daughters; Dam—Manor De Kol Kate 2d. 24.95 butter and 609 lbs. milk 7 days. One of the best daughters of Aaggie Cornucopia Johanna Lad, 99 A. R. O. daughters.

Sons of the above bull, Iowana Sir Ollie whose dam and sire's dam average 33.03 and Buffalo Forty Beets, first prize 2 yr. old at National Daiy Show and Waterloo Cattle Congress. Splendid individuals, well grown and tuberculin tested. Prices cut to move them. Write for pedigrees and photos.

NATHAN DICKINSON & SON

LAKE GENEVA, WIS.

BULL CALVES FOR SALE

No. 1—Born Aug. 17, 1914, mostly white. Sire, a son of King of the Pontiacs. Dam, Beauty Paul Pietertje 18.25.

No. 2—Born Sept. 9, 1914, nicely marked. Sire, a son of King Pontiac Calypso, the best son of King of the Pontiacs. Dam, Queen of Fort Hill Clothilde 2d Lass 16.63. Prices reasonable.

E. A. Martin DeWitt, N. Y.

FOR SALE

6 two-year-old heifers coming three and 1 cow. All A. R. O. with records up to 15 lb. as two-year-olds. $1400 will take the 7; also a few bull calves from 1 to 6 months from good A. R. O. cows.

A. C. Thoreson, Baldwin, Wis.

Oct. 21 Howell, Mich. Oct. 21

Big "Round-Up" of Registered Holsteins

100 Head, 16 daughters of nine bulls of 30-lb. fame—Sadie Vale Concordia's Paul De Kol 3d, King Hengerveld Palmyra Fayne, Korndyke Pontiac Butter King, Crescent Korndyke De Kol, Cantrilla Hillside Pietje, Johanna Korndyke De Kol, Traverse Dutch Weg, Prince Segis Korndyke and King Pietertje Hartog. Granddaughters of these sires with many fine cows in calf to them and other 30-lb. sires such as Smithdale Alcartra Pontiac, Korndyke Hartog Rag Apple, King Pet Canary, Sir Johanna Nig and Dutchland Creamelle Lad, A. R. O. cows with good records from 19 to 24 lb. A few good bulls.

Everybody knows October is the time to buy cows.

Everybody knows Howell is the place to buy good cattle.

Everybody knows Livingstone County never had foot and mouth disease.

Remember the date, October 21st at 10:30 a. m.

Three auctioneers—Col. J. E. Mack, Ft. Atkinson, Wis., Col. H. W. Ellis, Fowlerville, Mich., Col. D. L. Perry, Columbus, Ohio.

Catalogs Oct. 10th.

The Howell Sales Company of Livingstone County

A. R. EASTMAN, Sec'y HOWELL, MICH.

For More Milk and Butter use

"Schumacher Feed"

The Quaker Oats Co.
Chicago, Ill.

PROVEN HERD SIRE—FOR SALE

Canary Jessie Fobes No. 82958.

Dam—Jessie Fobes 7th 25.63 lb. daughter of Piebe De Kol Burke.

Sire—Canary Paul Fobes Homestead.

Sire's Dam—Jessie Fobes Bessie Homestead 34.96 butter.

S. H. BIRD
South Byron Wis.

Breeder's Bulletin

Harrie W. Gleim, Sale Manager, Arlington, Ia., writes:

Enclosed please find copy for half-page adv. for our coming Sale.

We believe that in this Sale we are offering a class of stock that it will be hard to duplicate anywhere. They are all selected with the greatest care from herds that have been years in the building. They are not sold as cull stuff, but to make room in the case of registered herds for on coming stock, and in the grade herds for pure-bred herds.

The pure-bred females offer a golden opportunity for foundation stock, while the males are good enough to head any herd being for the most part from A. R. O. dams. The quality of breeding back of the pure-breds can be judged from this example. A bull entry, whose 7 nearest dams average 21 lb. butter in 7 days A. R. O. as to families represented—all of the best in present day breeding will be on hand. The grade females are extra good animals and will make a man who wishes to start from the bottom rung of the ladder, a foundation of which he may well be proud.

Field Notes

THE 30-LB. LIST.

At the close of the last official year, according to our figures, the total number of 30-lb. cows reported was 476, an increase of 128 during the year, 21 other cows already on the list coming back once more. The first report from the Advanced Registry Office for the current year, the leaders of which are published elsewhere in this issue, adds 8 new names to the list, bringing the total to 484. One, the 37-lb. cow, Fairview Rag Apple De Kol, comes back with her second record in the charmed circle.

Another good report from the Coast gives the recently completed record of Pride of Whittaker 2d's Concordia, who produced 25,778 lb. milk, 1012.7 lb. butter in a year in semi-official test. She is a granddaughter of Sadie Vale Concordia's Paul De Kol, and is owned by Hollywood Farm, Hollywood, Wash.

World's Record Heifer With First Calf

We are advised that Albina Josie No. 148374, owned by Oliver Cabana, Jr., Elma Center, N. Y., has just made a record with first calf of over 33 lb., beating the former record of Tirania Lady Aouda 5th A (32.3 lb. at 3 years) by about a pound. Albina Butter Boy, who was by De Kol 2d's Butter Boy 3d and from the famous 29.7-lb. 4-yr-old, Jannek Albina De Kol 3d. The dam is a 25-lb. 4-yr.-old daughter of King of the Pontiacs, thus making Albina Josie a grand-

Where Do They Get It?

The fact that nearly all of the greatest record cows are descended more or less closely from Belle Korndyke, De Kol 2d or Netherland Hengerveld, and in the majority of the instances from a combination of all three—is more than just a coincidence or a happenstance. It is just the best sort of a testimonial to their unequalled prepotency.

Korndyke Butter Boy carries 87½ per cent of the blood of these three cows—more than any other sire in active service. It is therefore not surprising that he is making good through both his sons and daughters.

Can you think of any better combination from the standpoint of proven transmitting power, than a son of Korndyke Butter Boy, from a high record daughter of Pontiac Korndyke or King of the Pontiacs—thus doubling up the Korndyke blood again? One yearling bull in particular representing this combination is from a 20-lb. junior 2-yr-old daughter of Pontiac Korndyke, next dam a 34-lb. cow that made two successive records above 700 lb. milk in 7 days. This fellow is ready for immediate service, and is a really good bull. If interested, write for description and price which is very low.

HARRY B. DAVIS

Davisdale Herd **Chester, N. Y.**

HOLSTEIN BULLS

Of serviceable age and younger out of A. R. O. dams with records up to 25 lbs. in 7 days, sired by Emblagaard Tritomia Elzevere. A few choice cows at reasonable prices.

RELIANCE STOCK FARM

W. H. Ascott Estate Sparta, Wis.

PARMALEE STOCK FARMS
Putney, Vt.

Offer bull calf, born in March, out of 26.25-lb. dam and whose 3 nearest dams on sire's side average nearly 29 lb. He combines the blood of Pontiac Korndyke, King of the Pontiacs and Pontiac Calypso. If you are looking for one of the good kind write for pedigree and price.

SPRINGVALE STOCK FARM
"The Home of the Johannas"

If in need of a bull calf this winter do not fail to investigate the breeding of one sired by King Pieter Lyons and out of a daughter of Colantha Johanna Champion. A combination of breeding surpassed in no herd in the world.

W. J. GILLETT & SON
Rosendale, Wis.

THE POLLED HOLSTEIN JR. 3-YR-OLD

Keystone Beauty Plum Johanna, is the youngest cow in the world of any breed to have made 22496.6 lb. milk; 1108 lb. of 80 per cent butter, in 365 days. Bulls fit for service for rent and sale. Send for catalogue.

GEO. E. STEVENSON & SON,
Waverly, Pa.

100
Registered Holsteins
For Sale

30 head of fresh and nearby springers.
30 head one to two years old.
40 head five to twelve months old.

In A-1 condition, extra nicely marked, well grown, A. R. O. backing, some by 36-lb. sire, 35 G. D. of King of the Pontiacs and Pontiac Korndyke, tuberculin tested.

$13,500 takes the entire lot. Would consider splitting. This is one entire herd.

W. H. MACE

Cortland, N. Y. **Phone 727**

BULL CALF FROM THE 44-LB. FAMILY

BORN JANUARY 10th, 1915

Sire: **Spring Farm Butter Boy**, whose dam, Tweede De Kol Lass, 34.39 lb., average per cent fat 5.10 is also dam of the only 44-lb. cow, K. P. Pontiac Lass, the cow that holds every World's record from 7 to 100 days.

Dam: **Lady Greenwood Clothilde**, butter 7 days, 25.10; milk 481. Average per cent fat 4.17.

A splendid individual, straight and well grown. In color black with white points. Dam and sire's dam average 29.74.

Pedigree on application. Special price of only $200.

WOODMONT FARMS **Morrisville, Madison County, N. Y.**

Johanna De Kol Van Beers

CEDAR LAWN FARMS

Ten years ago, Johanna De Kol Van Beers left Cedar Lawn Farm, likewise, Sir Johanna De Kol 39th, previously advertised, has gone to make good. We now offer a serviceable son of Cedar Lawn Champion out of a 24.34-lb. 4-yr-old, who is 75 per cent the same blood as Cedar Lawn De Kol Johanna 2d, A. R. O. 30.67 lbs. butter in 7 days at 4½ years. Several other serviceable bulls at very reasonable prices, also a few females bred to Cedar Lawn Champion.

C. A. SCHROEDER & SONS, West Bend, Wis.

C. A. SCHROEDER W. C. SCHROEDER H. F. SCHROEDER

FOR SALE

Colonel Beets Segis, No. 50517, a 30-lb. proven son of KING SEGIS. Dam, Paul Beets De Kol Girl, record 30.26 pounds. This grand animal is gentle and right in every respect.

I have also a few of his handsome young sons for sale.

C. S. MULKS, RICEVILLE, IOWA

ADMIRAL WALKER PRILLY, No. 72923

The only bull of the breed whose first five A. R. O. daughters average 19.72 butter in 7 days, at an average age of 2 yrs. 25 days, three of them having made over 20.00 pounds for 7 days, and over 80 pounds for 30 days.

THE STEPHENSON FARM

offers at this time, 3 choicely bred young bulls nearly ready for service. One sired by a 31.82 pound son of King of the Pontiacs, and dam of calf a yearly record cow, sired by a 32.92 pound bull. One by Sir Johanna Lass, a young sire strongly backed by good yearly records on all sides, his own dam an 808.00 pound cow Dam of calf an 18.00 pound 4-yr.-old, sister to a 738.00 pound 3-yr.-old. One by Admiral Walker Prilly, and from a 19.18 pound jr.-three-year-old, now on yearly test. All three splendid individuals, and well grown.

JAMES P. TORREY, Supt.

Kenosha, Wis.

daughter of De Kol 2d's Butter Boy 3d and King of the Pontiacs. Her record was made as a 4-yr.-old. She was purchased in the Cazenovia Sale last June from Stevens & More, for $790.00.

Quentin McAdam reports the sale of a half interest in King of the Sadie Vales to Tranquility and Allamuchy Farms, Allamuchy, N. J., for $12,500.00. This youngster was by King Korndyke Sadie Vale and from Sadie Vale Concordia 4th's Pietje, the 38-lb. daughter of the 41-lb. cow, Sadie Vale Concordia 4th. This is the only calf in the world whose dam and both grandams have 7-day records averaging over 40 lb.

The 10th 30-lb. daughter is reported for King of the Pontiacs. Her name is K. P. Lilith Boon, and her record at 5 years 1 month is 32.22 lb. butter, 531.2 lb. milk, average per cent fat 4.85. She is owned and was developed by Chas. C. Disbrow, Norwalk, Conn.

It will be remembered that this is one of the trio of full sisters sold in the Breeders' Consignment Sale in March 1914, which brought $8100. Mr. Disbrow paid $3200 for K. P. Lilith Boon—taking first pick of the three sisters. At that time she had the smallest record of the three, but now surpasses either of them by three pounds, thus vindicating Mr. Disbrow's judgment.

Clayton Sisson, Sherburne, N. Y., advises that he has just completed a 30-lb. record on a daughter of Pietertje Hengerveld Segis. This is the sixteenth 30-lb. granddaughter of King Segis.

H. A. Moyer reports that John Arfmann's purchase of Segis Betta for $7,000 was for the purpose of raising a junior herd sire to follow King Segis Pontiac Alcartra. She is safe in calf to King Johanna (the junior sire at Moyerdale), who was by King Segis Pontiac Alcartra, and from a 33-lb. daughter of Johanna McKinley Segis, who is a 40-lb. son of King Segis. This combination of line breeding should be able to maintain the traditions of both Fairmount and Moyerdale.

In the Madison-Chenango Sale at Earlville Sept. 1-2, Lottie Walker Spofford, the famous "four times 30-lb. cow" was struck off to E. A. Vandervort for $1,000. When it came to the final parting, Mr. Hartshorn could not bear to see Lottie go, and accordingly gave Mr. Vandervort a good profit on the transaction, and she will return to her old stamping grounds.

HOLSTEINS---HOLSTEINS

125 HEAD 125

THE TROY SALE

TROY, PA., October 7-8, 1915

The Best Ever Offered In Any Sale Held In Pennsylvania

EVERY ANIMAL SOUND AND UNBLEMISHED

We are offering—A son of **KING SEGIS PONTIAC** whose dam is a 29-lb. daughter of the KING OF THE PONTIACS (a 3/4 brother to **KING SEGIS PONTIAC ALCARTRA,** the $50,000 bull) a bull of fine individuality as well as breeding—a number of daughters of this bull, a son from an A. R. O. dam and between thirty and forty cows in calf to him. These cows are all young, not an aged cow in the offering, our selections have always been from herds of exceptional breeding, and we have taken the pick of the herds, so you are bound to be pleased with any that you may buy—all are bound to make good.

DON'T FAIL TO ATTEND

For catalogue write

D. B. York and W. J. Few

Troy, Pa.

PERTINENT FACTS

You always look for them and here are a very few in connection with the Breeder's Consignment Sale Co.'s eighteenth sale.

HERE THEY ARE

13 DAUGHTERS OF KING OF THE PONTIACS and they are from mighty good dams, including a 30-lb. daughter of Hengerveld De Kol and good daughters of Tidy Abbekerk Prince, King Segis Pontiac, etc.

10 DAUGHTERS OF HILLSIDE COUNT PIETJE, a grandson of the famous Pietje 22d (31.6 lb.). Five of these are from granddaughters of Johanna Aagie's Sarcastic Lad, four from granddaughters of De Kol Netherland Clothilde and the other from a granddaughter of Netherland Hengerveld.

4 DAUGHTERS OF KING HENGERVELD who has a mighty good list of daughters and who is a son of Hengerveld De Kol and Abby Hartog Clothilde, she the head of one of the six only combinations of three direct generations of 30-lb. cows.

3 DAUGHTERS OF TIDY ABBEKERK PRINCE. Two of them are from daughters of King Segis Pontiac, the next dams by King of the Pontiacs, one of these latter the former World's champion three-year-old, K P Metis, 31.8 lb.).

4 DAUGHTERS OF BELLE NETHERLAND JOHANNA PRINCE, a son of Belle Netherland Johanna, whose records of 2114.97 lb. butter and 43328.7 lb. milk in two successive years were the World's largest records when made.

3 DAUGHTERS OF HENGERVELD DE KOL 5th, another good son of Belle Netherland Johanna, being by Hengerveld De Kol. One of them is from a 28.3-lb. cow and the other is from a 31.9-lb. daughter of a 28.9-lb. cow.

TWIN DAUGHTERS OF KING WALKER SEGIS a bull of royal breeding, the dam of this pair a 30-lb. daughter of Judge Hengerveld De Kol.

2 DAUGHTERS OF KING LYONS. One from a 29-lb. daughter of Prilly, the other from a 27.7-lb. daughter of Blanche Lyons Netherland (34.3 lb.).

4 DAUGHTERS OF SEGIS FAYNE BURKE, all from exceptional dams.

2 DAUGHTERS OF KING SEGIS 12th, a son of King Segis and Blanche Lyons Netherland (34.3 lb.). You'll like the dam's side just as well.

2 FULL SISTERS sired by a good son of Lyons Hengerveld Count De Kol, the dam a 23-lb. daughter of a 23-lb. cow.

3 DAUGHTERS OF KING HENGERVELD AAGGIE FAYNE and therefore sisters to the great World's Champion three-year-old

FINDERNE HOLINGEN FAYNE	3 y 37.34
Butter 30 days	150.33
Butter 11 mo. after calving	22.57
Butter 1 year	1395.06
Milk	24612.80

3 DAUGHTERS OF GORDON GLEN PONTIAC who has sired more 25-lb. junior two-year-olds than any other sire.

2 DAUGHTERS OF PRINCE HENGERVELD FAYNE, a three-fourths brother to the sire of Finderne Holingen Fayne, being by King Fayne Segis from Princess Hengerveld De Kol (33.6 lb.), the best record daughter of Hengerveld De Kol.

2 DAUGHTERS OF ARCADY PIETERTJE BEETS SEGIS, both from 23-lb. granddaughters of Neta Paul's Son's De Kol.

29-lb. DAUGHTER OF KING SEGIS 6th.

27-lb. DAUGHTER OF PAUL BURKE DE KOL.

A DAUGHTER OF KING SEGIS and Paul Beets De Kol Girl, a 30-lb. four-year-old daughter of Paul Beets De Kol.

2 DAUGHTERS OF PRINCE PONTIAC DE KOL KORNDYKE, both from extra well bred A. R. O. dams.

C. F. HUNT'S herd bull, COUNT PONTIAC SPOFFORD and some of his daughters. This bull is not only one of the best individuals ever sired by King of the Pontiacs but also a very consistent blue-ribbon winner. These are but a few as others just as good are included in the daughters of such well known sire as—

Beauty Walker Pietertje Prince, Sir Lilith Posch, Pontiac De Kol Korndyke, Sir Woodcrest Korndyke Kate De Kol, King of the Black & Whites, King Segis Champion, King Pontiac Artis, King of the Pontiacs Burke, Spring Farm King Pontiac, Spring Farm King Pontiac 6th, Sadie Vale Sir Ormsby, Sir Netherland Cornucopia Lad, Korndyke Butter Boy Johanna, King Ormsby De Kol Korndyke, Hengerveld De Kol 3d, Judge Hengerveld De Kol, King Pieter, Johanna McKinley Segis, Winana DeKol King Segis, Piet. Cloth. Concordia 3d, Prince Hazel Korndyke, Prince Homestead De Kol, Sir Prilly Walker, King Hengerveld Homestead Fayne, King Hengerveld Segis.

HERD BULLS

a lot vastly superior to anything ever before offered.

A SON OF THE WORLD'S CHAMPION YEARLY BUTTER PRODUCER

FINDERNE PRIDE JOHANNA RUE..... 36.87
Butter 1 year 1470.59
Milk 28403.70

A SON OF VALDESSA ORMSBY DE KOL, a 32.9-lb. four-year-old daughter of the first 40-lb. cow, Valdessa Scott 2d.

The sire's side of these two is just as good as the dam's, the sire being by King Segis De Kol Korndyke from one of the largest record daughters of Pietertje Hengerveld's Count De Kol.

A SON OF KING OF THE PONTIACS and Hilldale Segis, the second largest record daughter of King Segis who sold at auction for $4500.

A SON OF KING SEGIS PONTIAC ALCARTRA (the $50,000. bull) from one of the largest record daughters of Hengerveld De Kol.

A SON OF IT and K P Jeweline, one of the best bred and, age considered, best record daughters of King of the Pontiacs.

C. F. HUNT'S herd sire and show bull mentioned above, as well as other 30-lb. bulls.

The females listed will add prestige to the best of herds. Many have extra good A. R. O. records. A large portion are out of exceptionally good A. R. O. dams including those with records over 30 lb., etc.

The bulls will certainly be the making of the herds of those who are so fortunate to get them.

THINK WHAT IT WOULD MEAN

to have at the head of your herd a son of the World's only cow that ever made in excess of 1400 lb. butter in a year.

In justice to the bulls and their breeding, in the interest of the dairy industry in this country and in the interests of Holstein-Friesian advancement in particular, it is to be hoped that some of these great young bulls will go to head the large herds of the country or be purchased by a syndicate of owners of smaller herds that they may have the right kind of a chance.

THE HOLSTEIN MAN OF TO-MORROW

no matter what his rating today, is the man who buys one of these great young bulls and gives him a chance. Of course these bulls should be mated with females of the calibre of some of those good ones to be sold in this sale.

Breeders Consignment Sale Co.'s

18th SALE

To be held at the Syracuse Sale Pavilion

SYRACUSE, N. Y., OCTOBER 12-13 1915

The preceding merely gives you an inkling of the many good things in store for you at the to be held at the Syracuse Sale Pavilion

Remember that all the high class guarantees governing their past seventeen sales including tuberculin test by approved state veterinarians and

Remember that, if you want the best that the sale season offers, you want to attend this sale.

Catalog inquiries are coming in fast. If you want one write before it is too late.

LIVERPOOL SALE & PEDIGREE CO., INC., Sale Managers

LIVERPOOL, N. Y.

Maplemont Farm

Pietje Alcartra Fayne combines the blood of Alcartra Polkadot, her best daughter Lyndon Alcartra Polkadot, Pietje 22d, and Grace Fayne 2d Homestead. These four cows and thirteen of their daughters and granddaughters butter records for 7 days average 32.29 lbs. His young sons out of large producing dams are for sale at Maplemont Farm.

J. W. PRENTISS & SON

ALSTEAD, N. H.

SONS OF HERD SIRE

Uneeda Korndyke Abigail Boy 102287

He is a son of the 33-lb. cow, Uneeda Korndyke Abigail, "Best cow owned in the herd of John Arfmann." She is daughter of the 40-lb. bull, Johanna McKinley Segis, son of King Segis.

Offer No. 1—Bull born in June from a 24½-lb. cow.
Offer No. 2—Bull born in March from a 20-lb. cow.
Also a number of younger cows.

HENRY ANTHES, Jefferson, Wis.

WAUSEONA HERD

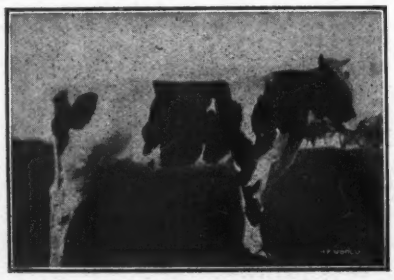
Headed by
SIR KORNDYKE QUEEN NO. 55993.
Herd numbers 100 head
Good stock of both sex for sale
COME AND SEE US

BURR BROTHERS, WAUSEON, OHIO

KING MASSASOIT

THE BULL THAT WILL MAKE "MASSASOIT" FAMOUS

FAMILY THE BEST



INDIVIDUALITY SUPERB

My first offspring is a princess and a credit to the Royal Family.
Write to my owners about some very fine bulls that will be sold at bargain prices to make room.
My home is in Pennsylvania.

CRYSTAL SPRING FARM
G. Smith & Sons, Inc.
Seelyville

KNOB HILL FARM
T. B. Clark
Honesdale

Eastern New York Holstein-Friesian Association.

The picnic and field day of the Eastern New York Holstein-Friesian Association will be held at the farm of Mr. G. C. Hubbard at Red Hook, N. Y., on the 11th of September at ten o'clock, a. m. If that day is stormy the picnic will be held the next.

Mr. Hubbard is a newly elected director in our Association and a very enthusiastic Holstein man.

Arrangements have been made to meet trains at Barrytown on the Hudson on the New York Central road and at Red Hook on the Central New England.

Some prominent men will be present to address the meeting on interesting subjects. Our idea of holding the picnic there is to interest the Hudson Valley breeders.

Towner Kent, Sec'y,
Eastern N. Y. H.-F. Breeders' Assoc.
Patterson, N. Y., Aug. 26, 1915.

PUBLIC SALE CALENDAR

Sept. 15—Hanford, Cal., Weldon & Gilkerson Dispersion.
Sept. 15—Snohomish, Wash., Western Washington Holstein Breeders Ass'n.
Sept. 17—Spokane, Wash. Munroe Company, 1st Annual Sale.
Sept. 20—Wellington, O., Combination Sale.
Sept. 21—West Chester, Pa., W. H. Hicks Dispersion.
Sept. 30—Waterloo, Ia., Upper Iowa Cattle Congress Sale.
Oct. 1—Haverhill, Mass. 1st Haverhill sale. Liverpool Sale & Pedigree Co.
Oct. 1, 1915—Randolph, N. Y., Southwestern, N. Y Breeders' 2d Annual.
October 5-6—Elgin, Ill. Holstein Sales Company's 1st Elgin Sale.
Oct. 6-7—Sarcamento, Cal., Morris & McAlister Combination Sale.
October 7-8—Troy, Pa. D. B. York-W. J. Few Dispersal.
Oct. 12-13—Syracuse, N. Y., Breeders' Consignment Sale Co. 18th Sale.
Oct. 13—Waterloo, Ia., Dispersion of Dr. E. E. Reed and Hon. Gerritt Klay herds.
Oct. 14—Indianapolis, Ind., Indiana H.-F. Association's A. R. O. Sale.
Oct. 14—Hanford, Cal., California Breeders 2d Consignment Sale.
Oct. 14—Howell, Mich., Michigan Breeders Consignment Sale Co., 9th Public Sale.
October 15-16—Cortland, N. Y. Holstein Sale Company's 1st Cortland Sale. Sale.
Oct. 18—Watertown, Wis., Frank L. Hilker.
October 20—Waterloo, Iowa. Dispersion of Dr. E. E. Reed & Hon. Gernit Klay herd.
October 21—Howell, Mich. Howell Sales Company.
October 26-27—Watertown, Wis. 7th Consignment Sale.
Oct. 28—Woodstock, Ill., McHenry Co. Holstein Breeders Club 2d Annual.
Oct. 28-29—Lake Mills, Wis., Lake Mills Breeders' 12th Semi-Annual.
Nov. 15-16—Syracuse, N. Y., Liverpool Sale & Pedigree Co.'s 8th Consignment Sale.
Nov. 17-18—Earlville, N. Y., Liverpool Sale & Pedigree Co.'s 1st Earlville Sale.
Dec. 10—North Portland, Ore., Pacific-International.
Jan. 17-18—Syracuse, N. Y., Liverpool Sale & Pedigree Co.'s 9th Consignment Sale.
Jan. 19-20—Earlville, N. Y., Liverpool Sale & Pedigree Co.'s 2d Earlville Sale.
March 21-22—Syracuse, N. Y. Dunham-Vandervort-Abbott Dispersal.
April 27-28—Fayetteville, N. Y. W. C. Hunt Dispersal.
June 8-9, 1916—Detroit, Mich., Western Breeders' Consignment Sale Co.

Breeder's Bulletin

G. R. Melin, Sec'y, for E. C. Schroeder, Moorhead, Minn., writes: We recently sold to Mr. O. J. Grover of Glyndon, Minn., Sir Pietertje Ormsby Mercedes 22d, a four-year-old son of Sir Pietertje Ormsby Mercedes, our senior herd sire. Mr. Grover secures a sire of great individuality and breeding in Sir Pietertje Ormsby Mercedes 22d. His dam is Riverview Fytje De Kol Ormsby, the highest record year cow in Minnesota. She has 1070.75 butter and 26134.7 lbs. milk. She is by Duchess Korndyke De Kol, a son of the 30-lb. cow, Susie De Kol Paul.

This week we also shipped a yearling bull, Sir Korndyke Burke Mercedes, to Mr. P. H. Kelley of Colgate, North Dakota. This bull is from Burke Mercedes Ormsby, a daughter of Sir Pietertje Ormsby Mercedes. She has a great record of 21.55 lbs. butter in 7 days at the age of 23 months. At the National Dairy Show for the past two years she has won second place. Her dam is a sister to Spring Brook Bess Burke, 34.8 lbs. butter in 7 days and the dam of a 33 lb. 3 year old and a 36 lb. cow. Mr. Kelley has made a good start, his females have been selected carefully for type as well as the proper breeding.

G. H. Truckell, Elgin, Ill., writes: The Holstein Sales Company has recently been strengthened by the addition to the office force of Mr. Windsor A. Dunham, the youngest son of the popular breeder, Harry Dunham, of Marcellus, N. Y. Mr. Dunham has only one fault, he is quite young, but this is something time will remedy all too soon. He has had considerable practical experience in handling cattle, both in raising and fitting for test, sale and show ring. He has recently come from business college and thus is well equipped for the work that is before him. Genial, capable and unassuming, he will, the writer predicts, become a general favorite with habitues of the sale ring. Long may he live and prosper.

G. H. Truckell, Sec'y, Holstein Sales Co., Elgin, Ill., writes: Mr. Louis H. Klaas, of the Milky Way Dairy Farm, Maple Park, Illinois, is desirous of getting his neighbors interested in the breeding and raising of purebred Holsteins, and in order to do so will offer them a bunch of well bred animals at public sale on Sept. 29th. Mr. Klaas is an excellent judge and these animals we can guarantee will please all who attend this sale. There are three young bulls fit to lead into any show ring, a number of good young heifers and the rest are cows bred to high class bulls. There is not one that one need apologize for in any way, few of the most noted herds have ever put a better looking lot into public sale. A number of carefully selected grades will also be offered, nearby springers, some of these are bred to one of the handsomest sons of King of the Pontiacs, a bull that was sold for $1600. We believe anyone attending this sale, which will be held Sept. 29th, at Milky Way Dairy Farm will be amply repaid for their trouble.

King Pontiac Konigen

75348

HIS SIRE	HIS DAM
King of the Pontiacs 165 A. R. O. Daughters; 10 with records from 30 to 44 lb.	Diona Koningen Pietertje Butter 7 days 37.45 lb. Butter 30 days, 154.39 lb. Milk 1 day 103 lb.

The Bull we purchased in the Feb. 16-17 Sale at Syracuse, but owing to the embargo we were unable to ship him to Ohio until July 15, 1915, but what we lost in his service we more than gained in individuality, for during his short period of rest he has developed into one of the best bulls anyone ever saw. He now weighs 2300 lb.

He is the highest record son of King of the Pontiacs in the World for both 7 and 30 days, also the highest priced son of his peerless dad. His dam sold in the E. H. Dollar Sale for $6500, which puts this great young bull in a class by himself.

INWOOD HERD

Ed. Kuntzman, Homeworth, Ohio.

N. B. We will accept a limited number of approved cows for service to this great bull. Write for terms.

Hot Cakes Don't Last Long

Neither do the sons of Changeling Abbekerk Prince when nearly ready for service. I have two classy young fellows from A. R. O. cows I will offer for $75.00 if taken soon. Send for photo and pedigree.

$75 **ROYCE STOCK FARM** **$75**

F. W. ROYCE, BERKSHIRE, N. Y.

RUSTLE HERD

We need their room and offer two bull calves at a bargain.

Born in May and June, 1915—60 per cent and 99 per cent white. Their dams are A. R. O. three-year-old daughters of A. R. O. cows.

Their sire is our 31.5-lb. Korndyke bull whose 12 nearest dams all have A. R. O. records above 20 pounds and average 25.60 lbs. Their four nearest dams including one 3 and one 4-year-old average 25.98 and 26.40 lbs. Price $100 each.

O. L. PRINDLE, WEST VIEW, OHIO

FOR SALE—BULL CALVES

No. 1

Born Oct. 23, 1914; ¾ white; grand individual. Sired by King Pontiac Mayflower, one of the very best sons of King of the Pontiacs. Dam has 27.62 lb.—a daughter of Changeling Butter Boy. Price $300.

No. 2

Born Feb. 9, 1915; ¾ white. One of the best of individuals, sired by same sire as No. 1. Dam is a 21-lb. 4-yr-old daughter of Tidy Abbekerk Prince and we believe she will make a large record for us this winter. Price $150.

No. 3

Born Dec. 23, 1914; about ½ white. Dam and sire's dam average over 26 lb. Price $100.

These calves are well grown and are ready this minute to lead in a show ring.

H. M. DUNHAM & SONS, MARCELLUS, N. Y.

AURAY FARMS

offer one more bull bargain

King Clorinda Walker
April 1, 1915

By KING SEGIS PONTIAC CLORINDA

FROM

SEGIS LILLY BELLE

5 years Butter 7 da. ... 21.93 lb.
2 years Butter 7 da. ... 16.77 lb.

She is by **King Segis** himself, from a 22-lb. daughter of **Admiral Walker** and she has already produced:

SEGIS LILLY BELLE 2d
2 yr. 26.63
(Third Association Prize)

AURAY LILLY LYONS
2 yr. 17.10

SPECIAL PRICE $250

Write or wire (our expense) and we will forward chart and photo.

This calf traces twice to **King Segis**, once to King of the Pontiacs and once to **Admiral Walker** in 3 generations—no better blood at any price. Your opportunity to secure a handsome individual, nicely marked and as close to **King Segis** as it is possible to get today.

AURAY FARMS
F. M. Avery I. M. Avery, Mgr.
SPARTA, Sussex Co., N. J.

Sadie Vale Sir Ormsby No. 57600

The youngest son of Sadie Vale Concordia, the first 30-lb. cow. Sired by Duchess Ormsby Piebe Burke.

He is the only sire of the breed having a 41-lb. FULL sister who has a 38-lb. daughter.

AND

King Korndyke Sadie Vale 9th No. 134638

DAM: Florence Veeman Wayne, a 31.153-lb. daughter of Sir Veeman Hengerveld.

SIRE, King Korndyke Sadie Vale, whose first 4 daughters to be tested average at 2 yr. old nearly 25 lb. of butter in 7 days.

STOCK OF THIS BREEDING FOR SALE
Write for pedigrees of Senior and Junior sires

MAPLE GROVE STOCK FARM

JAMES W. FEAR
Holland Patent, N. Y.

ROSE HALL HERD—60 Head

All ages; headed by King Tobe DeKol No. 101309; full brother to Lady Tobe De Kol, world's record senior 3-yr-old. 7 days, 36.59 lb. butter and over 90 lb. milk in a day. Butter, 30 days, 141.50 lb. His dam; Christmas Tobe 2d. 7 days, 31.66 lb. 30 days, 129.46 lb. and over 80 lb. (4.44 per cent) of milk a day at 10 yr. old. World's record at time of making and still the second largest for age.

I offer choice cows, heifers, heifer calves, as well as fine bull calves.

GEO. J. HALL
North Olmstead, O.

ON YOUR LAST CUTS DID THE ENGRAVER PAINT OFF THE HORNS OF THE BULL AND NOT KNOW IT?

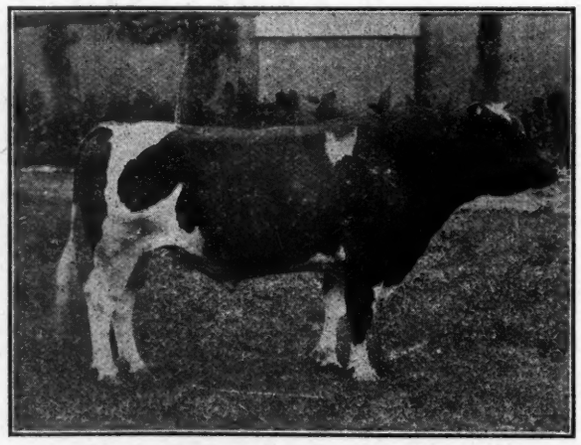
If you have had trouble in getting good cuts of your Holsteins send them to me and tell me in cow language what you want to show and I will make the plates the way you want them for I have owned a few Holsteins myself.

C. F. TELLER, Pres.
ONONDAGA PHOTO-ENGRAVERS, Inc.
229 West Onondaga Street
Syracuse, N. Y.

We make cuts for the Holstein-Friesian World.

Breeding for Production and Individuality?

If This is Your Standard You Will Be Interested in



De Kol Paul Cornucopia King 71071

Who now has 9 A. R. O. daughters that average over 15 lb. butter at an average age of 24 months. They are a milky lot, and are winners in the show ring. "Paul" was twice a first prize winner (once Junior Champion) at New York State Fair, and has been a consistent winner at Minnesota also. He is the best son of the wonderful sire and show bull, Aaggie Cornucopia Johanna Lad Jr. He is a full brother to the World's Champion two and three-year-old milk producer De Kol Paul Cornucopia. Offered at a great bargain and for no fault. Write for details.

GRAHAMHOLM HERD
W. J. BOYNTON, Mgr. Rochester, Minn.

WYOMING

"MILE HIGH" HOLSTEINS

Bull calves, born and bred in the Rocky Mountains at an elevation of 5300 ft. sired by a son of Sir Korndyke Hengerveld De Kol out of a full sister to Pietertje Maid Ormsby. If you want lungs and constitution, besides breeding, try a "Mile High" once.

SHOSHONE STOCK FARM, Cody, Wyo.

FOR SALE—A carload of Vermont Registered Holstein cows and heifers; cows are safe in calf to the Great Young sire, Sir Beets Korndyke No. 91212, a son of Pontiac Korndyke, and due to freshen in May and June, some have good A. R. O. records; will put in a few bred daughters of above bull, due in the fall. Two fine Yearling Bulls from A. R. O. dams, could go with this lot, all are born and bred at ISLAND HOME STOCK FARM
W. B. Dodds & Son North Hero, Vt

TRUCKELL CERTIFICATE ENVELOPES

Designed Right
Made Right
Printed Right
Priced Right
Shipped Right
Are ALL RIGHT
$1.00 for 100.
G. H. Truckell, Liverpool, N. Y.

M. L. Quick, Supervisor of Test, Ithaca, N. Y., writes: We all remember, and some very well, back in the year 1913 when D. M. White, Bath, N. Y., won great honors with his exhibit of three heifer calves at the New York State Fair.

His entire exhibit consisted of three calves, but in respect to laurels won, it compared very favorably with the showing made by many of the larger exhibitors. In a class of nineteen these calves were awarded first and second prizes, and from all the junior females, one of these was selected as champion.

Mr. White's herd sire, Arcady Hengerveld Segis Pontiac, twice a prize-winner at the New York State Fair, is making good through his offspring. Three daughters won the sweepstakes prize at Hornell Fair 1913, all breeds competing, and seven herds being represented. This sire is not only making good from the prize-winning qualities of his daughters, but by the fine A. R. O. records his daughters make on official test.

Mr. White just completed a test on one of the daughters of his herd sire, owned by John Bowlby, Bath, N. Y. She made 18.7 lb. of butter in seven days and averaged 4.7 per cent butter-fat as a junior two-year-old. What makes this record all the more remarkable is that this heifer was out to pasture all summer and was not given any grain until about nine days before freshening.

Mr. White's first prize and champion heifer at New York State Fair made over 15.5-lb. butter in seven days, average fat 4.4 per cent. It is as several good Holstein judges stated two years ago, "Mr. White will be heard from further in the future."

Now Mr. White is making good the prediction, winning honors in official testing.

T. W. Sprague, President of Wolverine Stock Farm, Inc., Ceresco, Mich., writes: I am sending you under separate cover a picture of the bull calf, Wolverine King Colantha sold to W. R. Harper of Middleville, Mich., taken as I delivered him from the farm to the depot.

This young bull is a son of the King of the Black & Whites. His dam, Alice Coin Pietertje 2d is a 21-lb. 3-yr-old daughter of King Colantha Clothilde who is the sire of the King of the Black & Whites, making Colantha Johanna Lad great grandsire of both sire and dam of this young bull.

We feel proud to sell this bull to Mr. Harper, being the third bull we have sold him to head his herd. Mr. Harper is Secretary and Treasurer of our Michigan Holstein Breeders Association and Secretary of our State Live Stock Sanitary Commission.

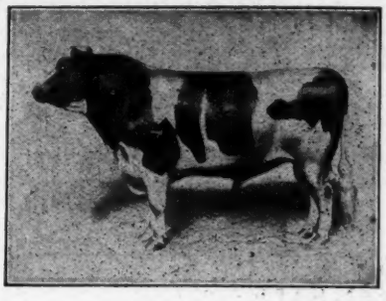
Somerset Holstein Breeders Co., Somerville, N. J., writes: There are it is said surprises in store for everyone.

To our surprise we received a tele-

FOR SALE—SEVEN YEARLINGS

Granddaughters of King of the Pontiacs bred to a son of King Lyons whose 7 nearest dams average over 31 lb. of butter in 7 days. $1,500 takes the seven.

Walter M. Buck, Warsaw, N. Y.



A SPLENDID 30-LB. SON OF KING OF THE PONTIACS

We offer a son of the peerless sire, King of the Pontiacs, from Jacoba Hartog Canary, who has records of 30.81 lbs. in 7 days; 119.59 lbs. in 30 days. Her last three records average over 29 lbs. She has further proven her quality by producing a 29-lb. cow, and a 23-lb. four-year-old. She is a daughter of Canary Mercedes Alban (2 30-lb. daughters), and something of her quality may be judged from her photograph published in the June 26 issue.

The bull himself is a good individual, more black than white, and ready for service.

Is this the bull you have been looking for?

LAMB & LANGWORTHY
EAST HAMILTON, N. Y.

Bed With Baled Shavings

and avoid contagion of Foot and Mouth disease. Best absorbent. Cheaper than straw. Prices now lower and shipments more prompt.

Write for Price Delivered

Oscar Smith & Son, ALBANY, N. Y.
Eastern States, New England Baled Shavings Co. ALBANY, N. Y.

CHEAP

SANITARY

NORTH STAR HERD

Home of SIR BEETS CORNUCOPIA NETHERLAND 38460
JOHANNA BONHEUR CHAMPION 94984

All our milking females are carried in semi-official yearly test under normal conditions.
Our show ring records have never been duplicated.

INDIVIDUALITY PRODUCTION BREEDING

We have for sale a few bull calves representing this combination. They are winners by right of inheritance.
Inspection is welcomed

W. S. MOSCRIP, Lake Elmo, Minn.

2—Ready for Service—2

Sired by King Cornucopia Sadie Vale No. 83371. Look at his cut in Jan. 30 issue. His sire is Aaggie Cornucopia Johanna Lad Jr., the greatest prize winner and sire of prize winners of the breed. He now has 37 A. R. O. daughters.

King Cornucopia Sadie Vale's dam is Sadie Vale Pietertje, A. R. O. at 5 years, 73 days after calving, 33.21 lb. butter in 7 days, 136.21 lb. in 30 days 104 b. milk in one day, 702 lb. milk in 7 days, 2941.9 lb. in 30 days; in one year 1050.70 lb. butter, 21446.80 lb. milk. She has a 3-yr-old daughter A. R. O. 25.13 lb. butter in 7 days. A ¾ sister made 1041 lb. butter in 30 days, 24190 lb. milk in one year (World's Milk record). King has sister that has just made 28.25 lb. butter in 7 days. She has two daughters that average 29 lb. butter in 7 days.

No. 1—KING CORNUCOPIA DROSKY. Born Feb. 1, 1914; well grown; 2-3 white. His dam and sire's dam average 30.80 lb. butter in 7 days, 112.40 lb. in one day. His dam made 121 lb. milk in one day, 747 lb. in 7 days.

No. 2—KING CORNUCOPIA SADIE. Born Jan. 1, 1914; fully ½ white. His dam and sire's dam average 27.51 lb. butter in 7 days, 113.17 lb. butter in 30 days. Average one day's milk record, 107.50 lb. His dam gave 111 lb. milk in one day.

These two bulls carry 50 per cent of the blood of Aaggie Cornucopia Johanna Lad Jr. They are fully as good individuals at the same age as their sire and grandsire. They are closely related to all the animals whose cuts appeared in the issue of Jan. 30-Feb. 13.

Mr. Breeder—If you like the looks of these animals, get a bull that will breed some like them. If you have sloping animals get one of these bulls to straighten out the offspring. If you have nice, straight animals, get one of these bulls to keep them straight. They have been bred right for generations. They have been bred for large milk and butter records for generations. Their ancestors have won many prizes at the leading fairs of the world. The herd numbers 75 animals; every one straight as a line; all closely related to the cuts in the Jan. 30 and Feb. 13 issues. If you want a bull that will give satisfaction, write for tabulated pedigree.

M. S. NYE, Preble, N. Y.

King Walker Segis 2d

102844

Six of Whose Nearest Dams Average Over 30 lbs.

SIRE: King Walker Segis. DAM: Betta Lyons De Kol

BULLS FOR SALE:

1—Born Nov. 13, 1913; color more white than black. Dam' record 24.93 lb. Price $125.

2—Born Nov. 1913; color 90% white. Dam's record 27.87 lb. butter, 596 lb. milk. Milk one day 94.6 lb. Price $300. Satisfaction guaranteed.

W. H. CANDEE

Green Ridge Farm **Waterville, N. Y**

A Bargain

Bull calf born March 7, 1915. Sire: King of the Black and Whites. Dam Lockhart Meta. Milk, 546.2 lb. Butter, 26.23 lb. in 7 days. Calf is nicely marked and well grown. Price $300. If interested write:

Lockhart Holstein Farm
EUGENE LA MUNION
Solsville, N. Y.

13

UNLUCKY FOR GERMS
Reg. U. S. Patent Office
Disinfectant

A POWERFUL DISINFECTANT FOR USE IN UNCLEAN PLACES. PRODUCT OF COAL TAR. PUT UP IN TEN GALLON CANS AND BARRELS.

BETTER HEALTH FOR MAN AND BEAST

Write For a Free Sample

Eastern Agent
Wholesale Dept.

G. A. GALLAWAY
322 PEARL STREET
NEW YORK CITY

Established 1867
Phone 1207 Beekman

Alfalfa Hay

FOR A. R. O. TESTS
PIONEER FARMS
E. K. Munro Camillus, N. Y.

UNEEDA KORNDYKE HERD
Holstein-Friesian Cattle.

Just a few sons of King Segis Pontiac Polkadot left. Going fast. Write quick if you want one.

F. J. BRISTOL & SONS COMPANY
Oakfield Wisconsin.

THE STANLEY ENGRAVING CO.,
Designers
Photo-Engravers Zinc Etchers

Half tones, 3x4, at the low price of $1.50. Cuts that will run. Reference, this paper. Satisfaction guaranteed.
Library Bldg., Tioga St., Ithaca, N. Y.

DUTCH CORNER

Now offers a few bull calves sired by Judge Lyons, a bull whose 7 nearest dams average over 32 lb. butter and out of A. R. O. dams sired by Segis Lyons, the greatest bred bull in transmitting powers of his dams. They have produced fourteen 25-lb. daughters who average over 30-lb. each. Write for photo and pedigree.
John J. Walrath, East Springfield, N. Y.

THE SONS OF PONTIAC KORNDYKE

Are proving to be the greatest sires of the breed. They are now practically out of the market.

Here is a splendid line-bred grandson.

Sire—Prince Rag Apple Korndyke, who was by Pontiac Korndyke, and from one of the best daughters of Dutchland Sir Pontiac Rag Apple, another son of Pontiac Korndyke.

Dam—Achsa Korndyke (23.72 lb. butter, 553.5 lb. milk)—a daughter of Earl Korndyke De Kol, the famous brother to Pontiac Korndyke, both being from Belle Korndyke.

This calf was born Jan. 27, 1915, and is a beauty; certain to prove a winner.

Write for low price and full description.

WHITMAN A. FOLLETT,
Chenango Valley Stock Farm
North Norwich, N. Y.

STOP! LOOK! LISTEN!

Mr. Holstein Breeder, do you wish to buy a 30-lb. bull of unparalleled breeding? If so, study the pedigree of

Korndyke Pontiac Cornucopia 6th No. 146017

SIRE—Pontiac Korndyke Cornucopia No. 54932. He is by Pontiac Korndyke and from a 29-lb. senior four-year-old daughter of Pontiac Korndyke. He is also a full brother to the 38-lb. cow, Pontiac Lady Korndyke that sold for $3600 in the Dollar Sale. DAM—Lilly Grace Cornucopia No. 123441. Butter 7 days, 30.02 lb., milk 718.2 lb. Milk 1 day, 106.1 lb.; butter 30 days 119.44 lb., milk 2853.2 lb. She is by Aaggie Cornucopia Johanna Lad No. 32554 whose 95 A. R. O. daughters have more milk records above 500 and 600 lb. than any other sire of the breed.

Korndyke Pontiac Cornucopia 6th was born April 26, 1914, and is well grown, well marked and is now ready for service.

If you want a combination of both quality and production write for pedigree and price to

RIVERSIDE STOCK FARM
A. W. BROWN & SONS **WEST WINFIELD, N. Y.**

gram on Aug. 17th, from Hargrove & Arnold of Des Moines, Iowa, as follows: Is King Mutual Korndyke unsold, if so will you consider —— dollars for him?

We wired that if they would raise the offer to the amount that we were holding him at we would sell them the bull. Messrs. Hargrove & Arnold immediately wired a reply that they would accept our offer.

The surprising part of this transaction was that there had been no correspondence whatever and the parties were unknown to us.

A transaction of this kind we think somewhat unusual when one considers how oft times you will correspond a dozen or more times with parties who say they are ready to buy and then as a final answer will say that they only wanted to get prices and that they hoped that in less than ten years they would be in a market for a Ten Thousand Dollar bull if they could buy him for Fifty Dollars.

We are inclined to give the World a part of the credit for this sale as it was the only paper in which we advertised this wonderful young sire.

We will not say that the purchasers of this young sire have the best bred sire of the breed for this claim is made plenty often, but we will say that better bred ones are not plentiful.

His dam's butter records at 2 yr., 3 mo., are 7 days, 25.68 lb., 30 days, 1007.16 lb., 7 days eight months after calving 21.91 lb., 365 days 1200.63, World's record, her sire is the sire of the world's record semi-official 3-yr-old cow.

Finderne Holingen Fayne, 37.33 lb. at 3 yr 7 days.
Finderne Wachusett Fayne, 35.53 lb. at 4 yr., 7 days.
Finderne Lady Fayne, 32.78 lb. at 4 yr., 7 days.
Finderne Johanna Fayne, 31.06 lb., at 4 yr., 7 days.

Average for four 3-yr-olds 34.18 lb., of no other sire can this be said and he by a son of Grace Fayne 2d's Homestead 35.55 lb.

The sire is our senior herd sire, King Pontiac Segis Korndyke, a brother to Mabel Segis Korndyke 40.36 lb., world's record 4-yr-old, his dam a 30.54-lb. daughter of Pietertje Hengerveld's Count De Kol. His sire is the best son of King Segis whose dam has a 37.20-lb. 7-day record and over 1200 lb. in a year.

Messrs. Hargrove & Arnold and Hargrove & Burnstedt in whose herds he will be used will have a clear track in the breeding business barring accident. They surely have escaped a serious accident by applying the emergency brakes just in time to save for themselves King Mutual Korndyke No. 136329. He will be a bright star in I. O. A.

To Mr. W. B. Robinson, Wilkes Barre, Pa., we have very recently shipped two show cows namely that of Finderne Beatrice De Kol Pontiac No. 144545 and Queen Sadie De Kol 2d No. 104192. Mr. Robinson who is somewhat of an amateur at the show business had visited our herds and after considerable correspondence selected these two cows as likely winners at the Fall shows. We sincerely hope that it will prove to be that way but as different judges have different minds there can be no guarantee attached to it but we will say that we have oft times seen not nearly so good specimens as these be winners in the show ring.

FRIESLAND FARM

HERD SIRE

RAG APPLE KORNDYKE BOON, No. 123847

Sire: Rag Apple Korndyke 8th, the $25,000 son of Rag Apple Korndyke and Pontiac Lady Korndyke, 38.03.

Dam: Fairview Korndyke Boon, a 32.17 pound junior four-year-old daughter of Pontiac Korndyke. She sold recently for $4,100 at auction and will probably increase her record when she freshens.

Rag Apple Korndyke Boon's dam and sire's dam average as follows:

Butter, 7 days . . .	35.10 lbs.
Butter, 30 days . .	143.53 lbs.
Per cent of butterfat . . .	4.96

He is as good an individual as his great sire and with his splendid breeding is sure to make good. We expect to keep and test all his daughters. His first two daughters are from a 22-lb. two-yr-old and from Lotta Clyde, the cow that has just produced 709.1 lbs. milk; 31.325 lbs. butter in 7 days.

Have four of his beautiful sons from good A. R. O. cows

B. B. DAVIS, Omaha, Nebr.
200 Bee Building

MARBLE VALLEY STOCK FARM

Offers bull calf born Feb. 2. Sire: Fairview Korndyke Lad, son of Pontiac Korndyke and Pontiac Pet 37.68 lb.

Dam: a 22.90-lb. cow that has a 25.77-lb. dam that has a junior 3-yr-old with 27 lb. Calf's dam, grandam, sire's dam and three of her sisters average 32.96 lb. each.

Calf is evenly marked; a dandy and guaranteed to please. Price $250.

ROBERT F. MEAD **WEST RUTLAND, VT.**

BULLS SLAUGHTERED

In price only. From $35 up

Write us MAPLE FARM, Middleville, N. Y.

HOLLYWOOD FARM

SIRE

King Palmyra Fayne 72099

Brother to the sire of Finderne Holingen Fayne. His first 4 daughters to freshen average 20.52 lbs. butter in 7 days, as Jr. 2 yrs.

DAM

Lilith Queen Pauline 110568

7 days butter, 32.46; 30 days butter, 117.90; 365 da. butter 1077.21. Next to the highest record daughter of Lilith Pauline De Kol's Count 28430. Has twice made over 30 lbs. butter in 7 days.

HOLLYWOOD LILITH PALMYRA 118678

Sons of Hollywood Lilith Palmyra now offered for sale.

No. 1. Holloywood Lilith Veeman, born March 10, 1915. Both of his grandams are 32-lb. cows and his dam is a 20.9-lb. Junior two-year-old.

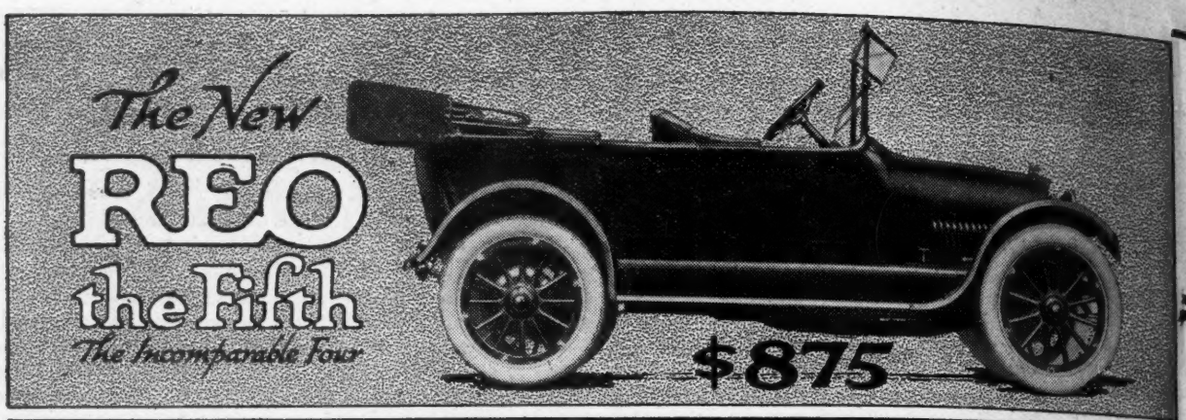
No. 2. Hollywood Vale Fayne Lilith, born March 24th, 1915. Out of Hollywood Vale Fayne 216692. Dam's A. R. O. 7 days butter 22.48 lbs., 30 days butter 91.8 lbs. at 2 years, 3 months.

Dam's A. R. O. 7 days butter 32.707 lbs., 30 days butter 111.6 lbs. Sire's dam's A. R. O. 7 days butter 30.51 lbs. 30 days butter 112.28 lbs. Soon ready for service.

Write for Pedigree and Photo.

Hollywood Farm, Hollywood, Wash.

R. F. D. 1, Box 1



SPECIFICATIONS

The New Reo the Fifth—$875

Wheel Base—115 inches.

Springs—Front—Semi-elliptic—38"x 2" with 7 leaves. Rear—three-quarter elliptic. Lower section—44¾"x 2" with 7 leaves; upper section 22 13-16"x 2" with 7 leaves.

Front Axle—I-beam, drop forged, with Timken roller bearing spindles.

Rear Axle—Tubular—semi-floating, Timken roller bearings at differential—Hyatt High Duty roller bearings at wheels, pinion integral with stub shaft—two universal joints in propeller shaft.

Tires—34"x 4" front and rear. Non-skid on rear.

Motor—Vertical, four-cylinder, cast in pairs, modified L type with integral head, with inlet valve in head. Valves mechanically operated and protected.

Cylinder Dimensions—4⅛"x 4½".

Horsepower—35.

Cooling System—Water jackets and tubular radiator, cellular pattern.

Lubrication—Automatic force feed by plunger pump with return system.

Carburetor—Automatic, heated by hot air and hot water.

Ignition—Combined generator and magneto, driven through timing gears with 100 ampere hour storage battery.

Starter—Electric, separate unit, six volt, connected to transmission.

Transmission—Selective swinging type with single rod center control.

Clutch—Multiple dry disc, faced with asbestos with positive instant release.

Brakes—Two on each rear wheel, one internal, one external, 14" diameter drums — service brake interconnected with clutch pedal.

Steering—Gear and sector with 18" steering wheel.

Control—Left-hand drive, center control—spark and throttle on steering wheel with foot accelerator.

Positive—Thief-proof locking device.

Fenders—Drawn sheet steel of latest oval type—shield between running boards and body—close fitting, quick detachable under pan—aluminum bound, linoleum covered running boards.

Gasoline Capacity—16 gallons.

Body—Five - passenger—streamline touring car type with extra wide full "U" doors, front and rear. Genuine leather upholstering. Deep cushions and backs.

Finish—Body, Golden Olive, running gear, Black; equipment nickel trimmed.

Equipment—Fully electric lighted throughout; improved 5-bow, one-man mohair top with full side curtains; mohair slip cover; clean-vision, rain-vision, ventilating windshield: speedometer; electric horn; extra rim with improved tire brackets; pump; jack; complete tool and tire outfit; foot and robe rails.

Price—$875, f. o. b. Lansing, Mich.

Here Are the New REO Models

Look at the Cars, Consider the Values, and When Your Astonishment Has Somewhat Abated

WE FEEL WE MUST EXPLAIN to our more intelligent readers why and how it is possible to place such cars in your hands at such unheard of prices.

FOR WITHOUT THAT EXPLANATION without reasons so logical they must satisfy you—you could not accept these values as genuine.

OF COURSE THE PRICES ALONE would not astonish—might not even interest—you. For mere price taken by itself, indicates nothing to the intelligent buyer.

BESIDES YOU'VE BEEN SURFEITED with announcements of "big cars at little prices"—this year more than ever before.

MOST MAKERS SEEM TO HAVE lost their heads in the fierce battle of price competition. As a result you've seen price reductions that we think must have indcated to your mind clearly one of two things—***either that the value was not there last season or couldn't be this.***

SO MERE PRICE—EVEN THESE sensational new Reo prices—would interest you only mildly if at all.

BUT KNOWING AS YOU DO, REO standards of excellence in materials and manufacture; knowing as you do the Reo reputation for making only cars of sterling quality; knowing and estimating as you will, Reo integrity in selling as well as in making you must marvel at these prices.

FOR TAKEN WITH THE QUALITY of these two famous Reo models, these prices represent, we verily believe, the greatest values ever offered in an automobile.

BOTH REO MODELS—Reo the Fifth, "The Incomparable Four," and the Reo Six—have long since passed the experimental stage. Both have been tried and proven—and not by factory testers, but by thousands and tens of thousands of owners, and in every land.

IT WASN'T NECESSARY either to improve the quality or to reduce the price—except that it is and always has been the Reo desire to give Reo buyers greater value than could be obtained elsewhere and just as much more as our greater facilities could give.

BUT IT WAS POSSIBLE—and that was sufficient.

A COMBINATION OF FACTORS and conditions that are, we believe, unique with Reo, made these prices for these quality-cars possible.

NO; PRICES OF MATERIALS had nothing to do with it—prices of no important materials are lower, while prices of many are higher now than a year ago.

ONLY WAY COST OF MATERIALS in a car can be reduced this year is by reducing quality of materials—using inferior or substitutes.

YES; THERE IS ANOTHER WAY—the simple expedient of reducing the amount of materials. In other words, reducing the weight of the car.

FOR IT IS A FACT THAT YOU CAN reduce the cost of an automobile twenty-five per cent by simply cutting the weight down that much. Some do—to the danger point we believe.

REO CARS ARE LIGHT CARS—but not light to the point of flimsiness. They are as light as may be without sacrifice of safety or durability.

SO THAT EXPEDIENT of cutting down the amount of materials that go into the car was not to be thought of, any more than was the other of using materials of inferior quality or substitution.

IN THE MAKING OF REOS this year we are using—not better because they are not to be had—but the same quality of materials as formerly. So that isn't the reason for the lower price.

COST OF MAKING, IS HOWEVER, somewhat less thanks to the fact that in many ways we have been able to reach a still higher degree of efficiency.

ONE BIG ITEM IN COST Reduction of these two models was the fact that both had passed the experimental stage.

IT TAKES AT LEAST THREE YEARS to perfect any new automobile model.

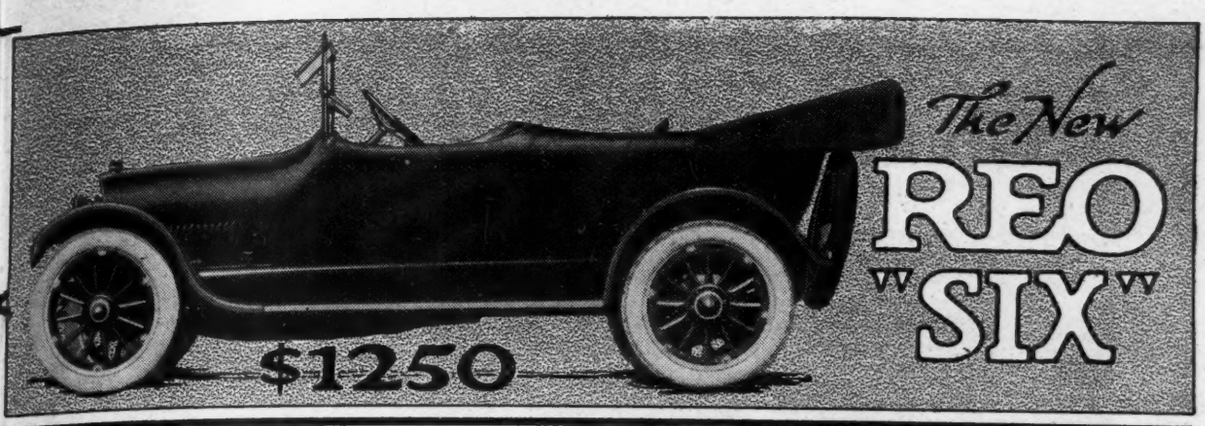
ANYWAY IT TAKES THAT LONG to get a car to the point of perfection where we are willing to offer it to Reo buyers and back it with the Reo guarantee.

THE MOST IMPORTANT factor in the reduction of manufacturing cost and at the same time the making of a better product, was to be found in Reo itself.

NEVER SINCE THE DAY REO WAS incorporated has there been a single change in the personnel of the executive organization.

THE SAME PRESIDENT presides who occupied the chair at the first meeting of Reo.

Reo Motor Car Co.,



and the New REO Prices

Read Carefully the Explanations of How These Sensational Prices Were Made Possible.

THE SAME GENERAL MANAGER directs; the same engineer designs; the same expert handles the funds; the same purchasing agent buys; the same factory superintendent oversees; and finally, the same men direct the sales, who have handled these important departments since the first Reo was designed and made and sold.

ALL WE'VE LEARNED WE'VE KEPT right in the Reo organization.

AND IN THE FACTORY—do you know there are scores of men in the Reo factories today working on these latest Reo models who worked on the very first Reo? Hundreds who have been here six to ten years.

SO THERE AGAIN WE CAN SAY, "All we've learned we've kept." Every man has become a specialist—is an expert—at his particular task.

REO DEALERS ARE RESPONSIBLE—however, the credit is theirs—for the biggest item. For, but for the unprecedented action and the hearty co-operation of hundreds of Reo Distributors we could not have placed these cars in your hands at these prices.

LIKE THE FACTORY ORGANIZATION the Reo Dealer Organization has been with us from the first. Many of the principal Reo dealers have sold Reos exclusively ever since the first Reo was made.

WELL, THIS SEASON WE WERE confronted with a problem—price competition to an extent greater than ever before.

OUR DEALERS INSISTED that, even though fortified with Reo quality and prestige, still they could not wholly ignore price competition.

WE CONTENDED that price did not matter; that it fooled no one—or at most only a small percentage of buyers and they not the most desirable.

WE SHOWED THEM that the cost of making Reos could not be materially lessened without reducing the quality—and our plan was to improve the quality wherever and whenever possible.

WHY, WE REO FOLK wouldn't want to be in business if we couldn't feel we could make better cars this year than last; next year than this!

WE SET OUR OWN STANDARDS and will always ignore those of others—at least when they trend downward!

BUT THEY PROTESTED that the average buyer saw only the price tag. That while he saw the reduction in price he did not notice the reduction in quality—in value. So they wanted a competitive price on Reos as well as Reo quality in the product.

THERE WAS ONLY ONE WAY it could be done—that was if the dealers would agree to handle Reo cars on a smaller margin of profit than is the rule with other cars. We told them if they would agree to that we could set a price on Reo cars that would create a genuine sensation.

AND THEY AGREED! It is an unprecedented action we believe. And that the hundreds of Reo Distributors assented to the plan was due to another unique condition—namely, the extremely low cost of selling and of giving service on Reo cars.

A CANVASS SHOWED this remarkable fact: That the average cost of the dealer's guarantee on a Reo car—the cost of keeping it in perfect running order and its buyer thoroughly satisfied—was less than six dollars per car per year!

JUST COMPARE THAT with the cost of maintaining some makes of cars!

WHY, ONE OF OUR DEALERS who handled two other lines last season—but who says, most emphatically, he will handle Reos exclusively hereafter—tells us that the average cost to him per car on one of those lines was $60 and on the other $49—while Reo averaged in his case $4.75 per car per year!

AND THAT WASN'T ALL. The factor that Reo Distributors consider most important is the customer—satisfied or the reverse. For you must know that though that dealer spent $60 to keep a certain car running he still could not keep the man to whom he had sold that car satisfied—not even by taking it back and standing the full loss himself.

HE COULD NOT REIMBURSE him in dollars for the delays, the disappointments and the aggravations he had suffered.

SO REOS WILL BE SOLD in the future on a lesser margin from the dealer to user (and factory margin has always been as close as was safe) than any other automobile in the same class or of higher price.

AND YOU AS A REO BUYER get the full benefit.

Lansing, Mich., U.S.A.

SPECIFICATIONS

The New Reo Six—$1250

Wheel Base—126 inches.

Springs—Front—Semi-elliptic—38" x 2" with 8 leaves. Rear—Cantilever—50" x 2" with 8 leaves.

Front Axle—I-beam, drop forged with Timken roller bearing spindles.

Rear Axle—Full floating, Timken roller bearings at differential and at wheels—two universal joints in propeller shaft.

Tires—34" x 4½" front and rear. Non-skid on rear.

Motor—Vertical, six-cylinder, cast in threes, modified L type with integral head, with inlet valve in head. Valve mechanically operated and protected.

Cylinder Dimensions—3 5/16 x 5⅛"

Horsepower—45.

Cooling System—Water jackets and tubular radiator, cellular pattern, Water circulation by centrifugal pump direct to exhaust valves.

Lubrication—Automatic force feed by plunger pump with return system.

Carburetor—Automatic, heated by hot air and hot water.

Ignition—Combined generator and magneto, driven through timing gears with 100 ampere hour storage battery.

Starter—Electric, separate unit, connected to transmission.

Transmission—Selective swinging type with single rod, center control.

Clutch—Multiple dry disc, faced with asbestos, positive instant release.

Brakes—Two on each rear wheel, one internal, one external, 14" diameter drums—service brake interconnected with clutch pedal.

Steering—Gear and sector with 18" steering wheel.

Control—Left-hand drive, center control—spark and throttle on steering wheel with foot accelerator.

Positive—Thief-proof locking device.

Fenders—Drawn sheet steel of latest oval type—shield between running boards and body—close fitting, quick detachable under pan—aluminum bound, linoleum covered running boards.

Gasoline Capacity—18 gallons. Tank in rear with Stewart Vacuum System supply.

Body—Seven-passenger—touring car type with extra wide full "U" doors front and rear. Genuine No. 1 hand-buffed, enameled finished leather upholstering. Deep cushions and backs.

Finish—Body, Golden Olive—running gear, black—equipment nickel trimmed.

Equipment—Fully electric lighted throughout; improved 5-bow, one-man, mohair top with full side curtains; mohair slip cover; clear-vision, rain-vision, ventilating windshield; speedometer; electric horn; brackets; power tire pump; jack; complete tool and tire outfit; foot and robe rails.

Price—$1250, f. o. b. Lansing, Mich.

Good Morning

I don't mean to be fresh about it, but I haven't time to wait for a formal introduction. As there is no one here to speak for me, I will have to cast modesty aside and tell you that I am

THE BEST BRED BULL

that was ever led into the auction ring. This with the fact that several of my near relatives have sold for exceptional prices, including the largest ever paid at auction, leads me to get a little puffed up and then they say I am

THE LEADING ATTRACTION

At the Liverpool Sale & Pedigree Co.'s

FOUR GREAT DAYS OF SALE

November 15-16, 1915
Syracuse Sale Pavilion
Syracuse, N. Y.

November 17-18, 1915
Holstein Sale Pavilion
Earlville, N. Y.

At these sales you have a chance to select from over

300 HEAD

of exceptionally high class cattle which will include the dispersion of a couple of mighty good herds. All over 6 mo. of age will be tuberculin tested by state approved veterinarians.

Write now for catalog to the sale managers

Liverpool Sale and Pedigree Co., Inc.
LIVERPOOL, N. Y.

Messrs. Hewitt & Hewitt, Hardwick, Cal., write: A few facts concerning our consignment to the great Holstein-Friesian Association Consignment Sale in Hanford, Oct. 14-15, 1915: Many of our cows and heifers have made A. R. O. records and greatly to their credit. A 20-lb. granddaughter of Sarcastic Lad. She is a great worker and persistent milker.

A sister to Juliana De Kol and daughter of Minniewawa Juliana. She is a large, strong cow of excellent dairy type. Look at her ancestry and you are sure to be pleased. She is sure to be a valuable addition to any herd, both from producing and breeding standpoint. She will freshen a few days after sale.

Four grandsons of Prince Beauty Pietertje Segis. Traces to some of the most noted animals of the breed. His sire's sire is a son of Beauty Pietertje Butter King (24 daughters above 30 lb.), whose dam has a record above 30 lb. Again his sire's dam is a 31-lb. daughter of King Segis.

It is of particular interest to note that all females of breeding age to be consigned from our herd will be bred to our sterling young herd sire, Prince Juliana De Kol Walker. This young sire is the greatest bred butter bull in service from the standpoint of the 7-day official record of his nearest dams. He is sired by Prince Gelsche Walker, whose dam, Gelsche Walker, recently made 30.78 lb. butter in 7 days, thereby establishing herself in the only three generations of 30-lb. cows in which there are two 30-pounders in the third generation.

The dam of Prince Juliana De Kol Walker is Juliana De Kol, who has A. R. O. records of 22.60 lb. butter in 7 days, 92.47 lb. in 30 days and 283.80 lb. of butter in 100 days as a two-year-old. These were all world's records for heifer with first calf when made and she held this for 4 years, Juliana De Kol was also show cow of the first rank. She was also a sister to Aralia De Kol, 1142.30 lb. butter in one year and eight others who average 867.82 lb. butter in one year. Juliana De Kol also has 8 granddaughters whose yearly records average over 800 lb. butter including two two-year-olds and two three-year-olds, stamping this great dam as a truly great transmitter of high production. The calves from this young sire and out of the kind of cows offered by us should prove attractive to buyers looking for good blood.

A. W. Morris & Sons Corporation, Woodland, Cal., write: In picking the animals for our big sale on October

Thirteen Sales

this past spring have taken advantage of our STANDARD catalogues in presenting to buyers complete pedigrees of the animals offered.

A comprehensive system of filing records makes possible pedigrees containing pertinent information not obtainable elsewhere.

The charge for this service is reasonable and worth investigating today.

HARRINGTON & GEROW
Madison, Wis.

MOYERDALE HERD SIRE

KING LYONS NO. 71155

The only sire of the breed that has 6 20-lb. daughters with first calf at 4 years of age.

His sire is a son of Colantha Fourth Johanna 35.22.

His grandsire is an own brother of Grace Fayne 2d Homestead 35.55 lb. The two first 35-lb. cows of the breed.

His dam is a 29-lb. daughter of King Segis.

His second and third dams are each 34 lb. cows.

KING JOH NO. 143460, JR. HERD SIRE

Sire—King Segis Pontiac Alcartra No. 76602, the $50,000 bull, a grandson of King Segis. Dam—a 33-lb. daughter of Johanna McKinley Segis, the $25,000 son of King Segis, and Johanna De Kol Van Beers, the 40-lb. $7,000 cow with butter records as follows:

Butter 7 days	40.07 lb.	Butter 30 days	151.39 lb.
Butter 60 days	288.45 lb.	Butter 90 days	416.71 lb.
Butter 120 days	541.35 lb.		

King Joh retains the King Segis quality. He is a beautiful individual, with all of the dairy qualities we like. He weighed 1200 lbs. at 12 months old. His sire has 5 20-lb. 2-year-old daughters at 4 years of age.

KING SEGIS NO. 36168

Born in 1904—died in 1910.

Today he has over 800 granddaughters or 900 daughters and granddaughters, 21 of this number with records from 30 to 40 lb. each.

Why should he have more daughters and granddaughters than any bull of the breed with less than half the years of service of some of the older, great bulls? The only way this question can be answered is that his transmitting qualities must have been greater than any other bull of the breed.

A few choice bred bull calves with great individuality, beautifully marked, that have from 7 to 12 dams in their pedigree that averages over 30 lb. each.

Prices and description mailed on application.

Remember that Moyerdale is the Home of King Segis, the greatest sire of his generations of the black and white breed.

H. A. MOYER, Syracuse, N. Y. WM. SIMPSON, Supt.

CALVES

Sons of King of the Pontiacs 15th No. 87504 are arriving every few days. Place your order for one. Price from $25.00 up.

H. PERKINS & SON, Red Creek, N. Y.

YOUNG BULL BY A 31-LB. SIRE

FOUR YOUNG BULLS by a 23.75-lb. sire All have excellent A. R. O. dams.

TWO HEIFERS bred by 31-lb. sire.

TWO HEIFERS bred to 23.75-lb. sire.

Visit the Belvoir Farm and select your next Sire and buy a Heifer.

BELVOIR FARM LAKE GENEVA, WISCONSIN

EMBLAGAARD HERD

Sires in service:

Colantha Johanna Champion 45674. The proven son of Colantha 4th's Johanna.

Emblagaard Prince 80596. A son of Segis Walker Pietertje, 27.85 lbs. at 3½ years. His sire's dam, Abby Hartog Clothilde, 31.39 lbs., and dam's dam, Ruby Walker Pietertje, 30.21 lbs., are two of the only 30-lb. cows of the breed that have produced 30-lb daughters, that have also produced 30-lb. daughters.

EMBLAGAARD DAIRY BIG BAY, MICHIGAN

More World's Record Breeding Than Ever Before Offered in Pennsylvania

In the complete dispersal sale of the W. H. Hicks herd of close to 100 head, on the farm of the owner, near West Chester, Pa., September 21, 1915.

In the herd are 25 or more daughters and sons of the 27-lb. sire, Sir Hengerveld Ormsby (who will also be sold). This bull is a brother to:

Finderne Holingen Fayne, 3 yr 37.34
365 days 1395.06
(World's Records)

Finderne Wachusett Fayne, 3½ yr 35.53
(2d highest in her class)

Finderne Lady Fayne, 3 yr 32.78
365 days 1075.13
(4th highest in her class)

Finderne Johanna Fayne, 3 yr. 31.94

These are the only four 30-lb. 3-yr-olds by the same sire, and perhaps greatest of all

Finderne Mutual Fayne, 2 yr 25.68
365 days 1200.65
(World's record)

On the dam's side, Sir Hengerveld Ormsby is from a 27.87-lb. ¾ sister to a 32.99-lb. 4-yr-old. The dam's dam is a sister to Valdessa Scott 2d (41.88 lb), the first 40-lb. cow.

The herd is rich in candidates for records although no official testing has ever been done. All animals over 6 months will be tuberculin tested by a state approved veterinarian.

Here is the kind that is sure to make money for the purchaser.

Write early for a catalog—they are now ready.

E. M. HASTINGS, Sale Manager
LACONA, N. Y.

Sir Korndyke Bess Piebe, 159537
Born April 19, 1915. This calf combines the highest type of individualality with World's record production. Not a poor individual in his pedigree. Individually he will stand inspection with the best.

Sir Korndyke Bess, 110157
Grand Champion at the North Dakota State Fair 1913 over King Homestead De Kol, the National Champion 1911. He is the only bull, with one exception, to defeat this sire.
Has several daughters now and over 30 head in calf to him.
His dam (at 3 y 3 m) her dam and sire's dam average 34.5 lbs. butter 7 days.

Sir Korndyke Hengerveld DeKol 36th, 85968
2 A. R. O. daughters
First at National Dairy Show 1913. Two sons first 1914.
7-8 brother to:
Miss Kornd. Maid Ormsby
Butter at 4 y 29.27

Bess Pietertje Ormsby Mercedes, 154367
Age 3 years, 3 months.
Butter 7 days 33.15
Milk 759.00
Butter 30 days 130.89
Milk 3092.10
World's records for milk.
Sister by dam to:
Spr. Brook Bess Burke ...36.12
Two full sisters above 21 lb. as junior two-year-olds.

Sir Korndyke Hengerveld DeKol 41266
32 A. R. O. daughters
8 A. R. O. sons
75 per cent same blood as King of the Pontiacs.

Daisy Mercedes De Kol Ormsby, 78051
Butter 7 days 23.24
Butter 1 year 693.85
¾ sister to Pietertje Maid Ormsby 35.56

Sir Pietertje Ormsby Mercedes 44931
38 A. R. O. daughters
2 with World's records
More 20-lb. junior 2-year-olds than any other sire.

Spring Brook Bess Burke, 98734
Butter 7 days 34.80
Dam of:
Spr. Brook Bess Burke 2d
Butter 7 days 36.12
2 junior twos above 21 lbs.

Queen Piebe Ormsby Mercedes, 167404
Age 2 years, 2 months
Butter 7 days 24.65
Butter 30 days 101.51
¾ sister to:
Queen Piebe Mercedes
Butter at 2 y 29.83
(World's record 1914-15)
Butter 1 year 980.21
First prize 1914-15

Sir Pietertje Ormsby Mercedes, 44931
38 A. R. O. daughters
2 with World's records.
More 20-lb. junior two-year daughters than any other sire.
Sire of more prize winners at National Dairy Show in past four years than any other sire.

Queen Piebe of Fairview 2d 136752
Age 4 years, 2 months.
Butter 7 days 30.13
One A. R. O. daughter
At 2 yr 2 mo..... 24.65
Sister to
Queen Piebe Mercedes
Butter at 2 y 29.83

Jack Mercedes, 35077
7 A. R. O. daughters
Skylark De K. Lady Mer. 30.44
By a son of first 29-lb. cow.

Pietertje Maid Ormsby, 78051
Butter 7 days 35.56
Butter 30 days 145.66
World's record 1911.
2 A. R. O. daughters
2 A. R. O. sons

Sir Johanna Canary De Kol, 44034
14 A. R. O. daughters
Spring Brook Bess B 2d . 36.12
Glen Canary DeK. 3 y 34.59
Queen Piebe of Fair 2d 4 y30.13

Queen Piebe of Fairview, 71624
Butter at 8 y 22.47
1 daughter at 4 y 30.13
1 daughter at 2 y 29.83

FOR FURTHER INFORMATION WRITE
E. C. Schroeder, Moorehead, Minn.

6th and 7th at Sacramento, California (see our ad. in this issue), we have chosen only good sound young cows and heifers representative of the class of stock we are breeding—animals that will make good in the hands of the purchaser. The same applies in the case of the young bulls consigned, the sale including several of the finest ever offered from our herd.

Among the 34 A. R. O. cows that we have consigned is the 31.47-lb. cow, Jane Korndyke of Riverside, whose sire is from the highest record daughter of Belle Korndyke. She has a 33-lb. sister with 1003 lbs. in a year and a 25-lb. four-year-old sister with 814 lbs. in a year which is also included in this sale. Jane Korndyke has milked 104 lbs. in a day, 713 lbs. in 7 days and 2875 lb. in 30 days. A number of others above 25 lbs. including a 28-lb. three-year-old and a 23-lb. 3-yr-old daughter of a 30-lb. cow, eight cows with yearly records from 795 to 828 lbs., five daughters of 800-lb. cows and 16 cows and heifers above 600 pounds.

There will be 30 bred heifers out of A. R. O. cows, including 14 daughters of King Segis Pontiac Emperor, three of which are from 30-lb. cows and three from dams above 800 lbs. Several daughters of Prince Gelsche Walker, the only bull in the world from three generations of thirty-pound cows each with thirty-day records above 125 lbs., also the only instance where two 30-lb. cows appear in the third generation.

All females will be bred to such sires as Segis Pontiac De Kol Burke, son of Riverside Sadie De Kol Burke; Aralia De Kol Pontiac Segis, son of Aralia De Kol, the first 28,000-lb. cow; King Korndyke Pontiac, one of the best sons of King of the Pontiacs, and Prince Gelsche Walker mentioned above, sires of the very best breeding and type and since we have many of their daughters already which will be kept and developed, it is difficult to estimate the value of the calves that will be dropped from their service.

In our senior herd sire, King Segis Pontiac Emperor, we are unquestionably offering one of the best sons of King Segis Pontiac, he being from a full sister to King of the Pontiacs. Our sale also includes sons of a 31-lb. and 32-lb. four-year-old daughters of De Kol Burke, and two sons of 1000-lb. cows whose sires are also from 1000-lb. dams. We will speak more of these later.

E. A. Hutchens, Binghamton, N. Y., writes: The other day I visited Mr. D. B. York and Mr. W. J. Few of Troy, Pa., and was greatly surprised at the quality and breeding of the cattle they are offering in their sale of October 7-8.

It is always of some importance to the prospective purchaser to know to what bull the cows that are bred are carrying calf to, and it is often a great disappointment to find that they are bred to an inferior animal. But in this

FOR SALE: 8 young cows from 2 to 5 years old and 4 heifer calves from 6 to 8 months old. Some of the cows will freshen before first of year; the others shortly after.

De Kol and Pontiac strains.

Address:

Dr. M. H. Christie, Corry, Pa.

The bull advertised has been sold to the Orrville Risinghurst Holstein Co., of Orrville, O., for $6000. We now offer a son of Aaggie Beauty of Lindenwood, the 30-lb. ¾ jr. 4-yr.-old sister of Lindenwood Hope, sired by Risinghurst Johanna Ormsby De Kol, son of the famous Lindenwood Hope. This youngster combines in the closest degree the greatest butter-fat-producing blood lines of the breed.

Write for price and pedigree.

G. W. RISING, FAYETTE, O

BULL CALVES AND HEIFER CALVES FOR SALE

No. 1. Bull calf born June 3, 1915. The sire is a 32.92 lb. son of Aaggie Cornucopia Johanna Lad. The dam a 23.30-lb. daughter of Prince Segis Korndyke and this from 3 quarters, nicely marked and a fine individual and where can you get better breeding for $200.00.

No. 2. Bull calf born Aug. 24th, 1914. Same sire as above, the dam a daughter of Manor Johanna De Kol a 34-lb. son of Sir Johanna De Kol, she carries 62½ per cent the same breeding as Johanna De Kol Van Beers who sold for $7,000.00. The price on this one for a quick sale is $100.00.

No. 3. Bull calf born October 25th, 1915, same sire as above, the dam is an A. R. O. daughter of Prince Segis Korndyke. Price $100.00.

No. 4. Bull calf born March 15th, 1915, same sire as above, dam has an A. R. O. record also her dam who is an A. R. O. granddaughter of Hengerveld De Kol. Price $75.00.

No. 5. Is a heifer calf born May 13th, 1915. Sire is a son of Sir Johanna De Kol who is the sire of Johanna De Kol Van Beers the $7,000.00 cow, the dam of this cow has never been tested but will be at next freshening as she is now giving 55 lbs. of milk per day.

No. 6. Is a heifer calf born May 18th, 1915, same sire as No. 5, and her dam a 3-yr-old, has an A. R. O. record 30 days after freshening and from 3 quarters.

No. 7. A heifer calf about 60 days old, the sire is a grandson of Aaggie Cornucopia Johanna Lad and the dam is a granddaughter of Manor Johanna DeKol. These three heifer calves are nicely marked and all fine individuals, the price for either one is $150.00 or $400.00 takes the three.

We have priced all of these calves to sell as we have a large herd and need the room. **KNUDSON & LIESS** Mokena, Ill.

THE LAKESIDE HERD

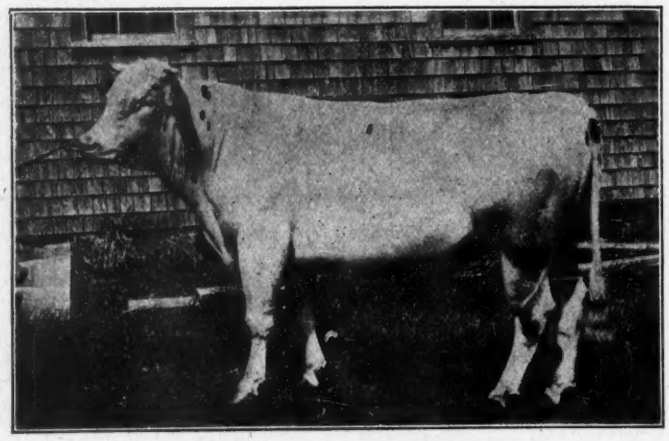
Owing to illness, will be unable to exhibit my show herd this season, so can offer some choice show animals, both males and females. Also a choice lot of bred heifers and young bulls, calves, yearlings and two-year-olds. Write for particulars on what you want.

E. A. POWELL

904 W. Genesee St. SYRACUSE, N. Y.

FOR SALE

A DOZEN DAUGHTERS OF



Crown Prince Mechthilde De Kol

PRICE --- YOUR OWN

They are a part of the many desirable young things included in the

90 HEAD

to be sold in the

FIRST HAVERHILL SALE

Haverhill, Mass., Oct. 1, 1915

A. R. O. Cows — Daughters of extra good sires
Daughters of A. R. O. cows — Granddaughters of famous sires and dams
The above are all desirable.

One of the splendid features of the sale is the entire

DISPERSION OF THE E. D. TAYLOR HERD

The rest of the sale is made up of choice selections from the herds of

M. E. Woodworth, Atkinson Depot, N. H.
S. F. Campbell, Windham, N. H.
C. H. Thomas, W. Rindge, N. H.
Harry Mack, East Jaffrey, N. H.
Geo. D. Ferguson, Haverhill, Mass.
Robt. Coliss, Haverhill, Mass.
Edw. M. Nason, Ward Hill, Mass.
M. T. Carrigan, Concord, Mass.

Remember—all animals over 6 mo. of age will be tuberculin tested by state approved veterinarians.

If you want catalogs of this sale you will have to write early, otherwise you may be too late.

LIVERPOOL SALE & PEDIGREE CO., Inc., Sale Mgrs.

LIVERPOOL, N. Y.

case, the cows are bred to a bull of exceptional breeding, one carrying 75 per cent the same breeding as King Segis Pontiac Alcartra, the $50,000 bull, he being by the same sire, King Segis Pontiac, and his dam, a 29-lb. daughter of King of the Pontiacs and the next dam, a 23-lb. 3-yr-old daughter of DeKol Burke. This bull will be sold, and there will be between 30 and 40 cows safe in calf to this bull, besides several of his daughters.

Mr. York is a good judge of cattle, as those know who attended his previous sales or who saw his consignment at the last Towanda Sale. Quite a number of these cattle consigned were selected from some of the best herds in the country and have all been tuberculin tested. Also, every animal in this sale is unblemished, and there are only two or three bulls to be offered (the bull mentioned above) and his son, who is a son of an A. R. O. dam.

McAlister & Sons, Chino, Cal., write: Our combination sale which we will hold with A. W. Morris & Sons at Sacramento, Cal., has been attracting wide attention because of the many large official record cows that are consigned and the especially large number of daughters of A. R. O. cows.

Without taking into consideration the individuality of the stock to be sold which, we believe, will surpass any other sale ever held before in the United States, there will be more large yearly record cows, more daughters of large yearly record cows and more sons of great yearly record cows than has ever been consigned before to any public auction. A study of the catalogs of this sale will prove to the most skeptical person that these assertions are true in every respect and we believe that we are stating it conservatively that Oct. 6 and 7 will mark a new standard in Holstein sales.

In our own consignment we will offer over 30 A. R. O. cows with the following records: Uneeda Korndyke Abbie, who made over 28 lb. butter from 618 lb. milk in seven days in spite of the fact that she was off feed several days during her test; Abbie Korndyge Segis, who made in the extremely hot weather in July, 21½ lb. butter as a 3-yr-old. They are both daughters of the $25,000 bull, Johanna McKinley Segis, whose dam holds the world's butter record for 120 days and whose progeny have sold for more money than the offspring of any other cow; Princess Leo Altje De Kol, who made 22.54-lb. butter as a jr. 4-yr-old; Winnie Korndyke Cornucopia De Kol, who made 25 lb. butter from 668.9 lb. milk in seven days; Marilla De Kol 2d, who made over 84 lb. milk in one day and 20 lb. butter in a week, and others with large A. R. O. records of over 20-lb. butter and 30 of their daugh-

FOR SALE

A tried son of King of the Pontiacs, named Maple Ridge King Pontiac. This great Bull and his daughters show for themselves. We never owned a bull his equal and never expected to own another that will come up to him but to avoid inbreeding we must sell him. He has over 50 daughters already and more coming. Send for his pedigree. Price will not be one-half his value. We will also sell a few young cows and heifer calves.

C. H. Fitch & Sons,
Burlington Flats, N. Y.

The Balsams Stock Farm

BALSAM RHODA SEGIS

A young bull backed up by production. He combines the blood of Sir Korndyke Pontiac Artis, Sir Korndyke Manor De Kol, Hengerveld De Kol, King Segis, Duchess Ormsby, Butter King and Johanna Rue 3d's Lad.

His sire is the son of a 24-lb. three-year cow.

His dam as a four-year-old produced on semi-official test 19596.9 lb. milk, 782.7 lb. butter, and produced this calf shortly after finishing the year.

He has a 22-lb. three-year-old sister.

He was born February 20, 1915. He has good conformation, is about half white and is the kind you are looking for.

Write today for price and other information.

HENRY S. HALE, Owner — Dixville Notch, N. H. — P. A. CAMPBELL, Manager

A SIRE OF EXCEPTIONAL PROMISE

KING LYONS 71155

NOW AT THE HEAD OF THE MOYERDALE HERD

Four years and a half old; 17 daughters in advanced registry, six of them with 20-lb. records with first calf at 4 years of age, the only sire of the breed that has this record. King is grandson of Colantha's 4th Johanna 35.22 and his dam a 29-lb. daughter of King Segis; his second and third dams are each 34-lb. cows.

DO YOU WANT A BULL SIRED BY KING LYONS?

We are offering a few fine ones out of cows of the highest breeding and whose records range from 14 lbs. at two years old to 30 lb. cows.

Hawthorne Farms Company, Barrington, Illinois.

S·S·S S·S·S

THE "ELGIN" POCKET HERD REGISTER

Needed by every cattleman and herdsman.

Just the right size for your coat pocket.

Tells what your visitor wants to know about your cattle when you need the information.

Easily kept up. Neat, attractive, handy. Several styles to suit all pocketbooks. Send for full particulars and sample sheets.

Just one of the Breeder's Helps to be obtained from

HOLSTEIN SALES COMPANY
102 West Chicago St., Elgin, Illinois.

Suppliers of
Certificate Envelopes, Test Books, Pedigree Blanks, Catalogs, and Satisfactory Sale Service.

S·S·S S·S·S

HOME FARM HERD

ESTABLISHED 1881
headed by

SIR SADIE CORNUCOPIA 42152

35 A. R. O. DAUGHTERS — 10 A. R. O. SONS

Sadie Cornucopia Mignone 31.74
Sadie Cornucopia Wayne 31.43
Bloomingdale Hengerveld Elzevere 2d 29.43
Alba Sadie Cornucopia Greetia 28.85
Nine others from 20.58 lbs. to 26.00 lbs. butter. He is from the same dam as
Sadie Vale Concordia 4th 41.06

We offer young sons of this great sire and yearling and two-year-old heifers, safe in calf to him. Write us for pedigrees, descriptions and for service terms.

W. B. BARNEY & SONS
CHAPIN, IOWA

THE FIRST CORTLAND SALE

will be held on the farm of the celebrated Peck Dairy

CORTLAND, N. Y., OCTOBER 14th---15th

THE CATTLE ARE OF THE BEST STRAINS AND WILL BE CONTRIBUTED BY

O. U. KELLOGG	GEORGE ABBOTT
JOHN ARFMANN	LAWSON HOLDING CO.
E. H. KNAPP & SON	A. A. KNAPP
P. WADSWORTH	CHAS. C. DISBROW
J. WEBSTER	M. S. NYE
HARRY DAVIS	FITZGERALD & SONS
M. J. PECK	JABEZ SMITH & SONS
A. R. OWEN	W. H. MACE
J. A. LEACH	E. HENRY
C. BENNETT	SAUNDERS & CO.
ELLIS & CO.	C. D. FORTNAM
TULLY FARMS	H. M. DUNHAM & SONS

The stock offered will be just the surplus of these well known breeders and, as it is planned to make this a semi-annual event, something real good comes from every herd.

For instance, there is a son of King of the Pontiacs from a cow that twice has made over 32 lb. butter in seven days, once from three-quarters.

Another gem is a son of King Segis Pontiac Alcartra from a 30-lb. daughter of Hengerveld De Kol, her dam 25.8 lb. and her dam a 27-lb. daughter of a 20-lb. cow.

And then there are others and females to match.

Sons, daughters, grandsons and granddaughters of 30-lb. cows. For particulars in detail, watch the two next issues of the World.

If you are looking for a good bull, if you need females of any kind, if you are thinking of starting now or sometime in the future:—ATTEND THIS SALE.

Cortland is on the Lehigh and the D. L. & W. Railroads and on one of the best State Roads of New York.

Auctioneers:—KELLEY, HAEGER and MACK.

Write early for Catalog to

HOLSTEIN SALES COMPANY, Sale Managers

102 WEST CHICAGO STREET ELGIN, ILLINOIS

HEART'S DELIGHT FARM

Offers to Exchange

SIR WALKER PONTIAC

A Son of King of the Pontiacs; Born June, 1911

For either pure bred or good grade heifers.

W. H. MINER, CHAZY, NEW YORK

ters sired by some of the best bred bulls of the breed.

The chief attraction among the heifers is probably the 20 wonderful daughters of our senior herd sire, King Pontiac Topsy, who is a brother to the world's record 44-lb. cow, K. P. Pontiac Lass and nine 30-lb. cows. This group of heifers are as fine a uniform lot of heifers as we have ever seen sired by any bull and have been said by several critics to be "the best individual granddaughters" of the great King of the Pontiacs. They are certainly a most promising lot of heifers and they have every appearance of making some great records when they come fresh. Not only do they possess extraordinary show qualities but they also have the constitution and size, the average weight of the lot being practically 900 lb. at the average age of 12 months. Has any other bull ever sired a group of daughters that has this size combined with such unusual individuality at a like age?

There will also be five daughters of De Kol Hengerveld Burke that will be sold who in spite of his limited opportunity is already one of the greatest sires of the breed, his daughters making one 35-lb. and two 30-lb. records. They, like the daughters of King Pontiac Topsy, will also be as well bred on the dam's side as they are on the sire's side, one having a 26-lb. dam who is a sister to the world's champion dairy cow over all breeds, Finderne Pride Johanna Rue.

There will be five daughters of King Kastelentje Segis, who topped our Los Angeles Sale for bulls this May and whose ancestors for several generations back have won first prize and championships at many of the principal fairs ever held in the United States, including the St. Louis Exposition. He is a son of King Segis Pontiac Emperor who combines the blood of more great sires and high record cows close up than any other bull of the breed.

One of the most attractive features about our consignment is that we will have close to 40 cows and heifers bred to our junior herd sire, Tilly Alcartra Son, whose dam has already broken seven world's milk and butter records and is now on the road to break a few more. She is the World's Champion milk cow for yearly production and the world's greatest butter producer for 3 or 4 lactation periods. Tilly Alcartra Son is a bull of the most extraordinary individuality, being a show bull in every sense of the word. He has been bred to more outside cows and more outside high record cows than any bull in the West and we also believe that the cows and heifers in calf to him have sold for as high an average price as the average of any females bred to any other bull of the breed have ever sold at public auction. His future, however, is just beginning and we expect the next few months will add still more laurels to Tilly Alcartra Son.

RAW ROCK PHOSPHATE

WRITE FOR DELIVERED PRICES
ROBIN JONES PHOSPHATE CO.
NASHVILLE, TENN.

W. C. HUNT'S HERD, Fayetteville, N. Y.

OUR HERD SIRES

King Pontiac Jewel, No. 55753

Pietertje Hengerveld Segis, No. 44781

Have been exploited to you in each "WORLD" issue during the past 4 months.

I now wish to offer to you a few **choice sons** of the above 2 Herd Bulls that are out of **high grade A. R. O. dams.** Also a few choice young cows and heifers that are bred to "Our Herd Sires". **Come and see us. Herd numbers over 100 head**

W. C. HUNT, Fayetteville, N. Y.

N. B. Trolley direct to farm; one-half hour from Syracuse, Bell 'phone

Sir Johanna De Kol Welsrijp
No. 158090

Born June 3, 1914

A show bull of quality and breeding. Sire, Pledge Duke De Kol Welsrijp, who is a son of Nancy Pledge Princess, 32.40 lb.-butter, 716 lb. milk; 132.82 lb. butter and 3052.86 lb. milk in 30 days. Dam, Johanna Concordia Bleeker De Kol. Butter at 1 yr., 11 mo., 21.40 lb. Milk 471.76 lb. The price will sell him quick.

15 good young cows bred to Duke Ormsby Pietertje De Kol 2d, a son of Lindenwood Hope, the senior champion 4-yr-old, year record butter cow.

7 fine 2-yr-old heifers all bred to the above bull. This is a chance to get just what you are looking for. This ad. will appear but twice.

L. E. CONNELL
Fayette, Ohio

HOMEWOOD FARMS

RYE, NEW YORK

The 2-year-old bull we offered recently has been sold.

We now offer the following young bulls
Ready for Service.

1. Born Sept. 28, 1913.
   Sire—Prince Ormsby Beets, No. 71712.
   Dam—Gretchen Hengerveld Pietertje, No. 79485.
2. Born Oct. 13, 1913.
   Sire—Prince Ormsby Beets, No. 71712.
   Dam—Netherland Nemesis De Kol 2d Lass No. 129936.
3. Born Dec. 22, 1913.
   Sire—Prince Ormsby Beets, No. 71712.
   Dam—Blanche of Stony Ridge, No. 154569
4. Born Nov. 1, 1913.
   Sire—Dummerston 36, No. 105643.
   Dam—Londonderry Alleos Lyons, No. 131424.

These bulls are all well bred and splendid individuals. We hope to give their dams records in the near future.

The dam of Prince Ormsby Beets, **Manor De Kol Lady Burke 3d, No. 79931,** has an A. R. O. record of 24.81 lbs. He is by **Paul Beets Colantha, No. 48269,** who has 12 A. R. O. daughters, one with a 30-lb. four-year-old record.

Dummerston 36 is by the great **Admiral Walker Gelsche, No. 44227.** His dam is a three-quarter sister of the dam of the World's record cow.

Admiral Walker Gelsche, is our Senior Herd Sire.

Herd regularly tested for tuberculosis.

Richard T. Wainwright, Rye, New York

Hazelhurst Stock Farms

Offer For Sale

Bulls and other stock of fashionable breeding sired by Westside Ladoga No. 67746, a 30-lb. sire, or King Pontiac Canary No. 78766, one of the best sons of King of the Pontiacs and from such high-record cows as follows:

31.15-lb. granddaughter of Lilith Pauline De Kol's Count.
30.42-lb. junior four-year-old daughter of Phoebe Veeman King Beryl.
30.32-lb. daughter of Phoebe Veeman King Beryl.
30.15-lb. daughter of King Veeman De Kol.
28.26-lb. four-year-old granddaughter of Beauty Pietertje Butter King.
26.388-lb. granddaughter of Sir Korndyke Manor De Kol.
26.39-lb. four-year-old daughter of Hazelhurst Marilla Plum Prince.
25.54-lb. four-year-old daughter of Hazelhurst Marilla Plum Prince.
25.17-lb. four-year-old daughter of Westside Baron Ladoga.
24.70-lb. granddaughter of Lilith Pauline De Kol's Count.

Can locate and get anything in registered Holsteins a man wants, one or by the carload.

Write your wants to:

H. H. WICKWIRE & SON
HUBBARDSVILLE, N. Y.

A PROVEN BULL FOR SALE

Johanna De Colantha Champion No. 60574, born March 9, 1909. The average record for his dam and sire's dam is, butter 31.39 in 7 days, 121.31 in 30 days. A 3-yr-old full sister just completed a record of 25.9 in 7 days. 17 A. R. O. daughters, 7 that have finished semi-official yearly records, 5 on yearly test now. Sold 5 of his daughters one year ago at an average of $800. He will have 25 or more yearly tested daughters in my herd.

Also bulls of serviceable age out of semi-official yearly record dams.

JOHN ERICKSON R. R. 2. Waupaca, Wis.

COWS, HEIFERS AND HEIFER CALVES

Some Choice Ones For Immediate Sale

Herd Sires: Sons of King of the Pontiacs and King Walker.
No embargo. Our cattle can go into any state.

HAMILTON FARMS, Southend P. O. Ontario
10 minutes trolley ride from Niagara Falls.

THE WOLVERINE HERD

Is headed by Judge Walker Pietertje, who was by King of the Black and Whites and from a daughter of Mary Walker Pietertje (31.81 lb.), the only 31-lb. cow having two 30-lb. daughters and a 32-lb. dam. We offer some finely bred heifers in calf to the Judge, also some splendid young bulls sired by King Korndyke Hengerveld Ormsby, from high record dams.

W. W. SPRAGUE, Secretary, BATTLE CREEK, MICH.

FOR SALE

6 A. R. O. cows and heifers. First class individuals, excellent breeding and good records. One due to freshen this fall. Three safe in calf to De Kol Creamelle Pontiac Butter Boy No. 48498. 16 A. R. O. daughters.

Also three bull calves ages 3, 6 and 11 months. Two are sired by De Kol Creamelle Pontiac Butter Boy, the oter is out of a 15-lb. 2-yr-old daughter of Butter Boy and sired by a bull whose five nearest dams average over 30 lb.

Write for further particulars to

R. W. SEAVEY, West Scarboro, Me.

KING COLANTHA CLOTHILDE 3d 98849

Heads our herd. His six nearest dams, including one 3-yr-old, average 30.58 lb. His sire, King Colantha Clothilde, was by Colantha Johanna Lad, the great son of the first 35-lb. cow, and from Abby Hartog Clothilde, the only 31-lb. cow having a 30-lb. 4-yr-old daughter that has a 30-lb. 3-yr-old daughter. The dam was from Mary Walker Pietertje (31.81 lb.), the only 31-lb. cow having a dam with 32.9 lb., and a daughter with over 31 lb. The dam's sire is Beauty Pietertje Butter King, son of Beauty Pietertje (30.51 lb.), who has a 30-lb. daughter with a 30-lb. daughter, and Clothilde Goudgeld Hugo, who has two 30-lb. daughters, each with a 30-lb. daughter and granddaughter.

We can offer sons of King Colantha Clothilde 3d, out of the following dams—Two are granddaughters of King of the Pontiacs; one a daughter of Korndyke Abbekerk; one a granddaughter of Admiral Walker Pietertje, and one a granddaughter of Beauty Pietertje Butter King. These calves are good individuals, and will be sold for reasonable prices.

Flock Brewing Co.
LOYALSOCK HERD
Williamsport, Pa.

Heifer Calf For Sale—Sire, Pontiac Triumph Cornucopia 49270, who was by Pontiac Cornucopia, and from a 26-lb. daughter of Hengerveld De Kol. His first daughters to freshen are milking over 50 lb. per day as 2-yr-olds. Dam, a 14.2-lb. 3-yr-old granddaughter of Betta Lyons Netherland (34.71 lb.) whose dam is also a 34-lb. cow. Calf was born Jan. 23, 1915, and is a nice one. Write for pedigree and price. H. C. Stanton, Burn Brae, Clifton Heights, Pa.

FOR SALE

Our Junior Herd Sire

ELI SIR PONTIAC

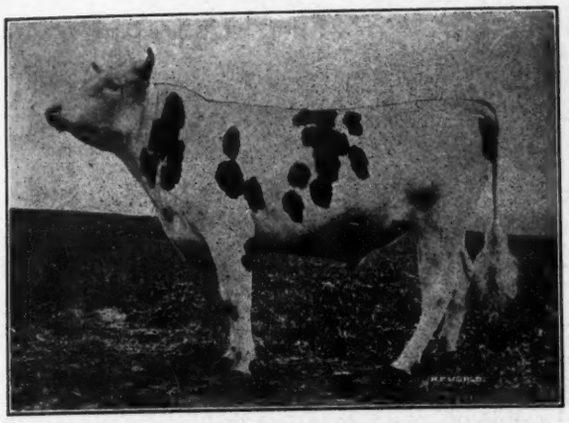
His dam has an A. R. O. record of 24.60 and sire's dam 31.38. He is ¾ white and a show bull ready for service. The first check for $250 gets him.

Neal Housiet, Oxford, Wis.

Michigan to the Front—With a Champion 40 lb. Sire

THE ONLY SERVICE BULL IN THE WORLD FROM A 40 LB. Jr. 4-yr.-old

In Individuality—In Breeding—In Records—Unexcelled by Any—Anywhere



King Segis Champion Mobel 122906

SON OF THE

WORLD'S CHAMPION JR. 4-YR.-OLD

Mable Segis Korndyke 161784

With the following record:

Butter 1 day	6.488
Butter 7 days	40.36
Butter 30 days	165.37

But one other cow of any age or breed has ever made so much butter in 30 days as this heifer. She produced

Milk in 1 day	100.06
" " 7 days	610.4
" " 30 days	2664.4

Average two nearest dams:

Butter 7 days	38.35
" 30 days	152.19
Milk 7 days	615.25
" 30 days	2589.93

Average four dams, first three generations:

Butter 7 days	37.78
" 30 days	148.69
Milk 7 days	639.[illegible]
" 30 days	2598.20

This heifer made for four consecutive periods of 7 days each an average of 39.48 butter for each seven days.

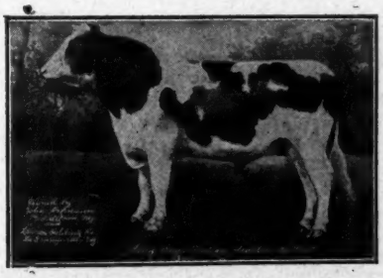
Not only as the son of the World's Champion Jr., 4-yr. old does this young bull appeal to the Holstein world but his individuality is the best, and his breeding is sur passed by none.

Approved cows only accepted for service. Send card for terms and pedigree

REED & KNOWLES

FAIRLAWN FARM **HOWELL, MICHIGAN**

King Segis Pontiac Alcartra



Of his first six daughters to freshen (the entire list to date), 5 have made from 20 to 25 lb. as 2-yr.-olds with first calf (one making over 102 lb. in 30 days), and the sixth one made over 16 lb. at 24 months after dropping a 7-months' calf. The whole six average over 21 lb.

"King" is every day vindicating our judgment. He also has over 125 living daughters (75 in our herd), and will serve more 30-lb. cows than any other sire that ever lived. His sons and daughters are looking better every day. They have individuality along with the rest. His sons can never be bought any cheaper than right now.

Write for information concerning one that will put your herd in the front rank.

JOHN ARFMANN

FAIRMONT FARM **MIDDLETOWN, N. Y.**

FIRST GREAT ELGIN SALE

30 LB. AND 40 LB. BLOOD

ELGIN, ILLINOIS, OCT. 5th AND 6th

THE CONSIGNORS INCLUDE SUCH BREEDERS AS :

OCTOBER 5th---6th

Geo. E. Van Hagen
H. F. Bandemer
T. E. Getzelman
G. H. Francisco
R. E. Haeger
John Dehmlow
C. L. Bratzler
J. L. Mason
E. W. Wing
A. W. Haeger
Alonzo Mann
C. W. Harrison

175 HOLSTEINS

The cows are choice individuals, many with large records and bred to bulls whose services command large figures.

The young stock are sired by leading bulls and from dams whose records in official and semi-official work are noteworthy.

The young bulls are fit to head any herd and are backed by generations of transmitting sires and producing dams.

All over six months old Tuberculin Tested. Certificates furnished.

The transportation and shipping facilities of Elgin are unsurpassed. Only 37 miles from Chicago, with two lines of the Chicago and North-Western, the main line of the Chicago, Milwaukee and St. Paul, and the Aurora, Elgin & Chicago electric railroad running through town, Elgin is readily accessible from all directions. Another electric road connects at Coleman, Ill., with the Illinois Central, and other electric roads run to neighboring towns. Fare from Coleman to Elgin is ten cents. There are four express companies in operation in this town.

The new Sale Pavilion is expected to be ready for this sale, and when you come to see it, we believe your judgment will be that it is the best in the country.

The auctioneers will be Kelley, Haeger and Mack.

For catalogs write early to

HOLSTEIN SALES CO.

102 WEST CHICAGO STREET **ELGIN, ILLINOIS**

BULL CALF. Born Sept. 16, 1914.

Sire, Premier Pontiac, a son of Pontiac Korndyke and Sadie Pontiac Korndyke, 102.4 lb. milk in 1 day, 687 lb. milk and 29.56 lb. butter in 7 days.

Dam of calf, Netherland Pansy Korndyke 2d at 3 yr., 405.4 lb. milk and 18.05 lb. butter in 7 days; her dam, 28.44 lb. butter.

Here is a bargain if you want a good one at a very reasonable price.

F. H. Thompson & Son, Holland Patent, N. Y.

BULL CALVES WITH 44-LB. BACKING

Sons of Spring Farm Butter Boy whose dam, Tweede De Kol Lass, (34.39 lb., average per cent fat 5.10) is also dam of the only 44-lb. cow, K. P. Pontiac Lass, the cow that holds every world's record from 7 to 100 days.

Dams are all high testing A. R. O. cows. These calves are splendid individuals, vigorous and well grown.

Pedigree and prices on application.

C. W. HEWITT & SON GOUVERNEUR, ST. LAWRENCE CO., N. Y.

Service Bulls FOR Good Herds

The selection of the right bull is one of the most perplexing problems confronting the live stock breeder.

We submit the following for your approval, ready for immediate service, and sired by

KING LUNDE PONTIAC KORNDYKE

the highest yearly record son of King of the Pontiacs. We have three yearlings, all from good record dams, one being from a 27.5-lb. daughter of the 30-lb. sire, Prince Ybma Spofford; the dam of another has 100 per cent the same breeding as Prince Ybma Spofford 6th, the only sire of 10 or more A. R. O. daughters, having over 1-3 of his list in the 30-lb. class. These three, like their sire, are beautiful individuals, light in color, and well grown.

ALSO 15 young bulls from 3 mo. to 10 mo. old, from A. R. O. dams, ranging from good heifer records to 29-lb. at full age. Nice individuals—a part by King Lunde Pontiac Korndyke, and the rest from daughters of King Lunde, and by King Pontiac Josey, a son of Crown Pontiac Josey (the first cow to produce over 1200 lb. butter and 28,000 lb. milk in a year.)

SPECIAL OFFERING OF FEMALES—20 head, good A. R. O. cows and heifers bred to our two great herd sires, also yearlings and calves sired by these splendid bulls.

No other herd in the World is headed by two sires from dams with as great year's records as the two Greenwood sires. Come and look us over or send for complete information. You will find our prices reasonable, and the quality high.

E. H. KNAPP & SON **Greenwood Herd** **FABIUS, N. Y.**

IF YOU WANT A BULL

That is a son of Beach Segis Pontiac and an A. R. O. dam, write Beach & Wirt for their special proposition.

Remember Beach Segis Pontiac is One of the Greatest Bred Bulls in the World.

At least let us hear from you, as it may make you THOUSANDS of dollars.

BEACH & WIRT, BATTLE CREEK, MICH.

IN THE SECOND SALE AT RANDOLPH

Daughters of the Best Sires of the Breed and Cows Bred to these Sires

The $25,000.00 bull, Rag Apple Korndyke 8th. Two of whose first daughters in test have crossed the 21-lb. mark as junior 2-yr-olds. (In Mr. Cabana's consignment are 9 extra good young cows in calf by this remarkable sire.)

Dutchland Colantha Sir Inka, whose daughters last year won more money in prizes from the H.-F. Association than the daughters of any other sire. (In the sale are daughters of this bull and cows and heifers bred to him.)

King Pontiac Alcartra Johanna, Decker & Son's 34½-lb. son of the $50,000.00 bull. (In the sale are some beautiful heifers bred to him, also some of his young daughters—owned outside the Decker herd.)

Hengerveld Homestead De Kol (In the sale are some splendid daughters of this fine 32-lb. son of Hengerveld De Kol 5th.)

The breeders of Southwestern New York are ambitious to establish a sale that will afford a convenient market-place for their best cattle. The sale of a year ago was extremely creditable to the consignors, but the coming event will far outclass the first. In the sale is an unusually large proportion of milking cows—all the year round profit-producers.

110 HOLSTEINS

The Southwestern N. Y. Holstein Breeders' Sale on the Dow Farms

Randolph, N. Y., Oct. 1, 1915

Write for catalog to:

E. M. HASTINGS, Sale Manager **LACONA, N. Y.**

FOR SALE

PRILLY WALKER HARTOG

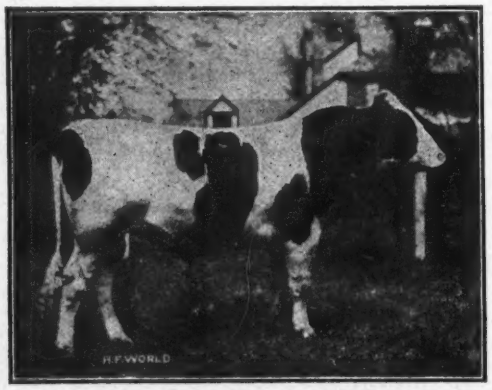
BORN MARCH 7, 1915 — SPLENDID INDIVIDUAL
IDEAL CONFORMATION — NICELY MARKED—MORE BLACK THAN WHITE
Sire—Lewis Prilly Rouble Hartog 2nd.
Dam—Meadow Brook Prilly Genevieve (28.93 lb. at 4 yr.).
(daughter of Sir Prilly Walker)

Concerning the Sire: The animals of the first three generations in his pedigree have produced three families of three generations each of thirty pound cows.

	Yr.	Mo.	Dy.	Milk	Butter
First Family					
Abby Hartog Clothilde	6	0	12	605.9	31.391
Addie De Kol Hartog	4	1	10	518.7	30.503
Addie De Kol Hartog 2nd	3	11	14	640.0	30.686
Average for 3 generations	4	8	12	588.2	30.860
Second Family					
Buttercup Clothilde Pietertje				576.7	32.915
Mary Walker Pietertje				603.5	31.810
Marion Walker Pietertje				560.7	31.630
Average for 3 generations				546.9	32.118
Third Family					
Beauty Pietertje				518.8	30.510
Lillian Walker Pietertje				611.6	30.007
Ruby Walker Pietertje				486.9	30.216
Average for 3 generations				539.1	30.244
Average for three families				591.4	31.074
The sire's dam	4 yr	1 mo	10 dy	518.7	30.503
Her dam	6 yr	0 mo	12 dy	605.9	31.391
Her daughter	3 yr	11 mo	14 dy	640.0	30.686
The young bull's dam	4 yr	3 mo	25 dy	576.6	28.928
The dam's sister	3 yr	10 mo	22 dy	560.0	30.125
The dam's sister	5 yr	2 mo	16 dy	622.5	30.160
Average for six	4 yr	4 mo	21 dy	587.3	30.299

All breeders must know about Sir Prilly Walker. If you do not we shall be glad to tell you
This young bull carries the blood that produces Thirty Pound Cows.

MEADOW BROOK FARMS — **JOHN C. SHARPE, Proprietor**
BLAIRSTOWN, NEW JERSEY



King Korndyke Colantha Ormsby

Woodlake & Clover Farms

Will You Consider

HEADING YOUR HERD with a straight, long, well-bodied, handsomely marked, young bull of splendid type and finish?

A son of **King Korndyke Colantha Ormsby No. 96546** who combines in closest relation the world's record cows, Pietertje Maid Ormsby, Colantha 4th's Johanna, Grace Fayne 2d's Homestead, Pontiac Pet and Pontiac Clothilde De Kol 2d, the blood of the highest priced bulls on record.

Or a son of **Sir Korndyke Hengerveld De Kol No. 41266** that would give you type and production of the Hengerveld De Kol, Pontiac Korndyke and Sir Ormsby Hengerveld De Kol combination.

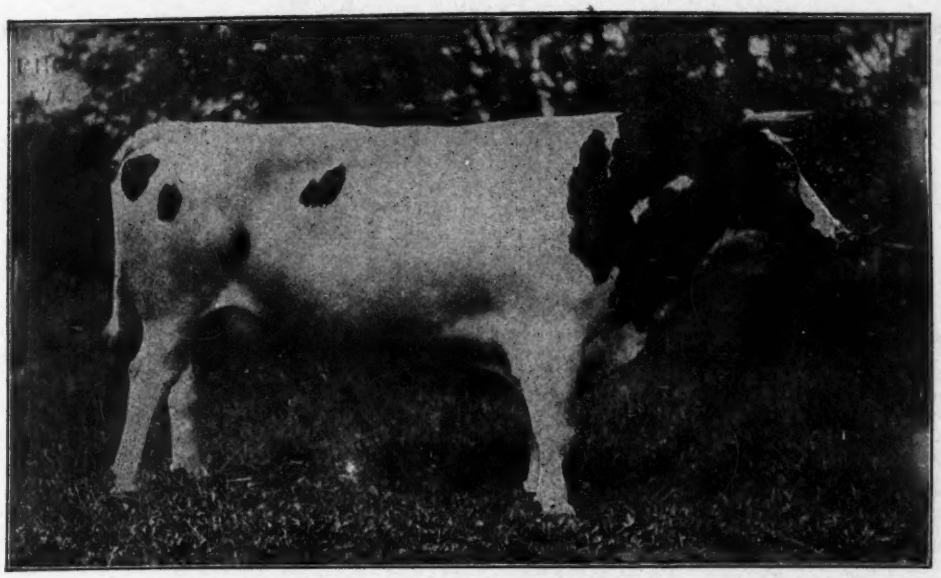
Or a son of **Maplecrest Butter Boy De Kol No. 94156,** who is a seventy-five per cent brother of Banostine Belle De Kol, the greatest dairy producer to date.

Sons of these bulls, fine, strong individuals, from two to sixteen months old, out of Advanced Registry cows of richest breeding, some with records of thirty to thirty-five pounds of butter in 7 days, and of most popular breeding, will give any herd a standing for production, constitution and high individual merit. COME and SEE THEM. Our prices are reasonable.

Two and one-half miles from the Minneapolis City Limits, on Lyndale Ave., South. Irwin Station on the Dan Patch line.

JOHN B. IRWIN - Station F, Minneapolis, Minn.

A TIDY PICTURE



75 A. R. O. DAUGHTERS

HENRY LATHROP & SONS
Sherburne, N. Y.

STEVENS BROS. COMPANY
Liverpool, N. Y.

KING SEGIS PONTIAC CHICAGO

The bull whose purchase in the June, 1914 Sale for $20,000.00 was the sensation of the year.

His Sire: King Segis Pontiac, who has more sons at the head of good herds than any other sire.

His Dam: Johanna De Kol Van Beers, who produced not only 40 lb. of butter in seven days, but under Official Test produced nearly 10,500 lb. milk and over 540 lb. of butter in 120 consecutive days Official Test, thus producing an average in seventeen consecutive weeks of nearly 32 lb. of butter per week.

His Sire's Dam: Pontiac Clothilde De Kol 2d is not only distinguished for having made three records over 30 lb., but in Official Test produced over 37 lb. of butter in seven days, followed by a year's record of over 25,000 lb. of milk, testing over 4%, making more than 1,000 lb. of butter fat, when she again freshened and produced over 32 lb. butter in seven days.

His Sire's Sire: King Segis, lived only six years, but was the sire of eighty-three A. R. O. daughters, seven over 30 lb. and fifty-eight proven sons.

His Dam's Sire: Sir Johanna De Kol, was a brother to Colantha 4th's Johanna, and his dam's dam Netta Netherland Van Beers, was the first cow Officially Tested in the State of Wisconsin which was many years ago, and at the age of twelve years produced over 18 lb., easily the equivalent of 30 lb. to-day.

King Segis Pontiac Chicago, born February 5th, 1914, has extraordinary development and possesses great individual merit.

The Bull of Outstanding Lineage **Outstanding Individuality**
Outstanding Promise

OWNED BY

H. Stillson Hart, Geo. E. Van Hagen, Spencer Otis, Jr.
BARRINGTON, ILL.

Now Is Your Opportunity

If you are looking for well bred and well grown heifers you can buy them at reasonable prices during the

Special Fall Sale of Females

Selected from the

Wauseona Herd

This herd now numbers nearly 100 head. With one exception every animal of milking age has an A. R. O. record. We are forced to dispose of 30 head of females to make room for the winter crop of calves. In the herd are 38 daughters of our herd sire

SIR KORNDYKE QUEEN No. 55993

22 A. R. O. daughters including:

Note his list of daughters—

Pietje Juliette Korndyke Queen, 3 yr.	25.69
May Korndyke Queen 3 yr.	24.06
Jessie Korndyke Queen, 3 yr.	23.85
Princess Jacoba Korndyke, 3 yr.	23.26
Minnie Favorite Korndyke Queen, 3 yr	23.24
Bessie Korndyke Queen, 3 yr.	23.11
Wauseona Lady Korndyke Queen, 2 yr	21.55
Becky Griske Korndyke Queen, 2 y r.	21.44
Polly Korndyke Queen, 3 yr	21.08
Mollie Korndyke Queen, 3 yr	20.97
Wauseona Vale Korndyke Queen, 2 yr	20.87
Wauseona Lou Korndyke Queen, 2 yr.	20.75

We offer in this Sale 30–Females–30

All but three of them are under 4 years of age including:

1 25½-lb. daughter of Sadie Vale Concordia's Grandson
1 19½-lb. daughter of a 26-lb. cow.
9 daughters of Sir Korndyke Queen
7 granddaughters of Sir Korndyke Queen.
5 two-year-old heifers bred to a 32-lb. bull.
4 A. R. O. 2-year-old heifers

Write for Catalog **Come and See**

Better than an Auction Sale

BURR BROTHERS - - WAUSEON, OHIO

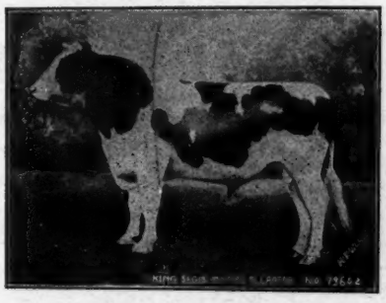
Farm 1 mile from station. Telephone Block 166.

WHAT ARE THE REQUIREMENTS OF A GREAT SIRE

BREEDING

INDIVIDUALITY

PREPOTENCY



STUDY HIS PEDIGREE

UNSURPASSED

EVIDENCED BY HIS OFFSPRING

KING SEGIS PONTIAC ALCARTRA

THE $50,000.00 SIRE COMBINES THEM ALL

HEAD YOUR HERD WITH A SON OF THE GREATEST BULL OF THE BREED

We are offering for immediate shipment a young son of the $50,000 sire. He is more white than black, a calf of splendid individuality. One that will please the most critical.

His dam has a 7-day record of nearly 26 lb. made as a 4-yr-old. He is well backed throughout his pedigree with A. R. O. records.

Pedigree and price gladly sent on application.

LAWSON HOLDING CO., Inc.

LA GRANGEVILLE DUTCHESS COUNTY NEW YORK

SPRING FARM HERD

The home of eleven cows whose records average over 34 lb. their daughters and granddaughters. Son of the great $15,000.00 son of the World's Champion 44-lb. cow, K. P. Pontiac Lass.

Spring Farm Pontiac Cornucopia No. 77172. The dams of many of these choice young bulls are daughters of the great Spring Farm King Pontiac, whose first eight daughters to be tested average 21.24 lb. at two years.

FRANCIS M. JONES, CLINTON, N. Y.

ONE GOOD BULL DESERVES

ANOTHER

Spring Farm King Pontiac 6th is very much alive. His calves are fine, big, square butted, big barreled, regular dairy cows. They please us.

We have just bought a youngster to follow on these daughters of Spring Farm King Pontiac 6th. This young bull is sired by Friend Hengerveld De Kol Butter Boy. You know about him—a son of De Kol 2d's Butter Boy 3d that has made good.

THE SIRE—Friend Hengerveld De Kol Butter Boy has the same combination of blood that produced Hengerveld De Kol, Pietertje Hengerveld's Count De Kol and so many great bulls, i. e., (De Kol 2d, Netherland Hengerveld and Milla's Pietertje Netherland).

Friend Hengerveld De Kol Butter Boy has four 30-lb. daughters each of which has in turn produced a 30-lb. daughter.

Each of Friend Hengerveld De Kol Butter Boy's 30-lb. daughters have made over 1000 lb. of butter in a year; from 21,000 to over 27,000 lb. of milk.

Three of his 30-lb. daughters have made over 1200 lb. of butter in a year.

He is the sire of the present and ex-World's Champions, Daisy Grace De Kol and Banostine Belle De Kol.

Two of his 1000-lb. daughters have each produced a daughter making over 1200 lb. in a year.

This is PRODUCING BLOOD. This great showing is made from only 29 tested daughters but there are more coming.

THE DAM of the young bull we bought is Maplecrest Pontiac Flora Hartog, a 30-lb. cow with over 1200 lb. of butter and 25,000 lb. of milk in a year.

Her dam is also a 30-lb. cow with 1200 lb. of butter and 25,000 lb. of milk in a year.

This is the only combination of mother and daughter to each produce over 1200 lb. of butter in a year, and, we believe, the only combination of mother and daughter to produce over 25,000 lb. of milk in a year each.

The next dam is a 30-lb. cow with two 30-lb. daughters and the fourth dam, Burton High-lawn 2d, a 20-lb. twelve-year-old, is the only 20-lb. cow to have two 30-lb. daughters, one of which has in turn produced two 30-lb. daughters and one of these to produce a 30-lb. daughter, i. e., the last, the dam of the young bull we have bought.

The sire of Maplecrest Pontiac Flora Hartog is Pontiac Aaggie Korndyke (12 30-lb. daughters, four 1000-lb. daughters, two 1200-lb. daughters). He is by Pontiac Korndyke (eleven 30-lb. daughters) and from a daughter of Hengerveld De Kol (nine 30-lb. daughters).

Friend Hengerveld De Kol Butter Boy and Pontiac Aaggie Korndyke are the only sires that have each sired more than one cow to produce 1200 lb. of butter in a year.

Friend Hengerveld De Kol Butter Boy has three over 1200 lb. and Pontiac Aaggie Korndyke has two already, and another one well on the way.

Pontiac Korndyke and his son, Pontiac Aaggie Korndyke, have a total of twenty-three (23) 30-lb. daughters. But one other sire and son have half that number, and that sire Hengerveld De Kol, appears strongly in the pedigree of this young bull.

This young bull mated with the daughters of Spring Farm King Pontiac 6th will give the offspring a superabundance of producing and transmitting blood that, given a fair opportunity, must produce champions.

We make this announcement so you may know that Spring Farm King Pontiac 6th is not an accident in our herd, but is to be followed by another bull who will likewise put Degree in Pedigree.

HENRY STEVENS & SON

Brookside Stock Farm

LACONA, N. Y.

STEVENS HERD
175 Head

Est. by HENRY STEVENS
1876